

## II. Euro-Referenzkurse der Europäischen Zentralbank \*)

## 1. Monatsendstände und Tageskurse

1 EUR = ... WE

|      |           | EU-Mitgliedsländer |                       |              |            |                          |                           |               |
|------|-----------|--------------------|-----------------------|--------------|------------|--------------------------|---------------------------|---------------|
|      |           | Bulgarien          | Dänemark              | Polen        | Rumänien   | Schweden                 | Tschechien                | Ungarn        |
| Zeit |           | Lew<br>BGN         | Dänische Krone<br>DKK | Zloty<br>PLN | Leu<br>RON | Schwedische Krone<br>SEK | Tschechische Krone<br>CZK | Forint<br>HUF |
| 2023 | April     | 1,9558             | 7,4538                | 4,5815       | 4,9301     | 11,3515                  | 23,502                    | 373,78        |
|      | Mai       | 1,9558             | 7,4480                | 4,5368       | 4,9695     | 11,6278                  | 23,741                    | 370,85        |
|      | Juni      | 1,9558             | 7,4474                | 4,4388       | 4,9635     | 11,8055                  | 23,742                    | 371,93        |
|      | Juli      | 1,9558             | 7,4529                | 4,4070       | 4,9349     | 11,5895                  | 23,900                    | 386,93        |
|      | Aug.      | 1,9558             | 7,4523                | 4,4673       | 4,9420     | 11,8430                  | 24,072                    | 380,13        |
|      | Sept.     | 1,9558             | 7,4571                | 4,6283       | 4,9735     | 11,5325                  | 24,339                    | 389,50        |
|      | Okt.      | 1,9558             | 7,4647                | 4,4405       | 4,9659     | 11,8275                  | 24,558                    | 382,13        |
|      | Nov.      | 1,9558             | 7,4548                | 4,3490       | 4,9718     | 11,4308                  | 24,292                    | 380,75        |
|      | Dez.      | 1,9558             | 7,4529                | 4,3395       | 4,9756     | 11,0960                  | 24,724                    | 382,80        |
| 2024 | Jan.      | 1,9558             | 7,4550                | 4,3330       | 4,9758     | 11,2682                  | 24,891                    | 384,90        |
|      | Febr.     | 1,9558             | 7,4540                | 4,3208       | 4,9706     | 11,2150                  | 25,363                    | 393,48        |
|      | März      | 1,9558             | 7,4580                | 4,3123       | 4,9735     | 11,5250                  | 25,305                    | 395,26        |
|      | April     | 1,9558             | 7,4583                | 4,3178       | 4,9759     | 11,7530                  | 25,140                    | 390,68        |
| 2024 | April 29. | 1,9558             | 7,4581                | 4,3255       | 4,9759     | 11,6850                  | 25,175                    | 391,64        |
|      | 30.       | 1,9558             | 7,4583                | 4,3178       | 4,9759     | 11,7530                  | 25,140                    | 390,68        |
|      | Mai 2.    | 1,9558             | 7,4589                | 4,3278       | 4,9763     | 11,6820                  | 25,090                    | 388,98        |
|      | 3.        | 1,9558             | 7,4583                | 4,3290       | 4,9761     | 11,6398                  | 25,025                    | 388,95        |
|      | 6.        | 1,9558             | 7,4589                | 4,3185       | 4,9688     | 11,6250                  | 24,995                    | 389,38        |
|      | 7.        | 1,9558             | 7,4596                | 4,3138       | 4,9757     | 11,6810                  | 25,014                    | 389,05        |
|      | 8.        | 1,9558             | 7,4599                | 4,3075       | 4,9757     | 11,7330                  | 25,036                    | 388,88        |
|      | 9.        | 1,9558             | 7,4594                | 4,2920       | 4,9753     | 11,7205                  | 24,935                    | 387,95        |
|      | 10.       | 1,9558             | 7,4607                | 4,2968       | 4,9758     | 11,6865                  | 24,936                    | 387,72        |
|      | 13.       | 1,9558             | 7,4608                | 4,2860       | 4,9762     | 11,7000                  | 24,779                    | 387,00        |
|      | 14.       | 1,9558             | 7,4608                | 4,2695       | 4,9758     | 11,7285                  | 24,750                    | 386,10        |
|      | 15.       | 1,9558             | 7,4617                | 4,2690       | 4,9758     | 11,6751                  | 24,766                    | 386,00        |
|      | 16.       | 1,9558             | 7,4612                | 4,2648       | 4,9755     | 11,6172                  | 24,709                    | 386,18        |
|      | 17.       | 1,9558             | 7,4615                | 4,2650       | 4,9752     | 11,6550                  | 24,722                    | 387,60        |
|      | 20.       | 1,9558             | 7,4611                | 4,2533       | 4,9750     | 11,6127                  | 24,748                    | 385,65        |
|      | 21.       | 1,9558             | 7,4617                | 4,2553       | 4,9743     | 11,5810                  | 24,682                    | 385,43        |
|      | 22.       | 1,9558             | 7,4617                | 4,2686       | 4,9751     | 11,6325                  | 24,748                    | 388,05        |
|      | 23.       | 1,9558             | 7,4624                | 4,2630       | 4,9754     | 11,5925                  | 24,738                    | 387,08        |
|      | 24.       | 1,9558             | 7,4612                | 4,2553       | 4,9743     | 11,5990                  | 24,736                    | 385,18        |

|      |           | andere europäische und außereuropäische Länder |             |                        |                        |                       |               |                          |
|------|-----------|--|-------------|------------------------|------------------------|-----------------------|---------------|--------------------------|
|      |           | Australien                                     | Brasilien   | China                  | Hongkong               | Indien                | Indonesien    | Island                   |
| Zeit |           | Australischer<br>Dollar<br>AUD                 | Real<br>BRL | Yuan (Renminbi)<br>CNY | Hongkong-Dollar<br>HKD | Indische Rupie<br>INR | Rupiah<br>IDR | Isländische Krone<br>ISK |
| 2023 | April     | 1,6664   | 5,4872      | 7,5979                 | 8,6199                 | 89,8555               | 16 111,90     | 149,10                   |
|      | Mai       | 1,6497   | 5,4288      | 7,5926                 | 8,3696                 | 88,3400               | 16 030,39     | 149,70                   |
|      | Juni      | 1,6398   | 5,2788      | 7,8983                 | 8,5157                 | 89,2065               | 16 384,54     | 148,70                   |
|      | Juli      | 1,6436   | 5,2031      | 7,8808                 | 8,5966                 | 90,6690               | 16 622,65     | 144,30                   |
|      | Aug.      | 1,6785   | 5,3082      | 7,9196                 | 8,5250                 | 89,9239               | 16 551,96     | 142,30                   |
|      | Sept.     | 1,6339   | 5,3065      | 7,7352                 | 8,2959                 | 88,0165               | 16 383,62     | 144,90                   |
|      | Okt.      | 1,6739   | 5,3743      | 7,7686                 | 8,3079                 | 88,4195               | 16 868,28     | 147,50                   |
|      | Nov.      | 1,6542   | 5,3984      | 7,8008                 | 8,5384                 | 91,1143               | 16 981,14     | 150,70                   |
|      | Dez.      | 1,6263   | 5,3618      | 7,8509                 | 8,6314                 | 91,9045               | 17 079,71     | 150,50                   |
| 2024 | Jan.      | 1,6468   | 5,3749      | 7,7789                 | 8,4734                 | 90,0010               | 17 076,29     | 148,30                   |
|      | Febr.     | 1,6684   | 5,4054      | 7,7888                 | 8,4735                 | 89,7458               | 17 038,18     | 149,30                   |
|      | März      | 1,6607   | 5,4032      | 7,8144                 | 8,4594                 | 90,1365               | 17 157,87     | 150,30                   |
|      | April     | 1,6423   | 5,4928      | 7,7609                 | 8,3817                 | 89,4155               | 17 422,11     | 150,30                   |
| 2024 | April 29. | 1,6322   | 5,4706      | 7,7627                 | 8,3904                 | 89,4610               | 17 408,74     | 150,30                   |
|      | 30.       | 1,6423   | 5,4928      | 7,7609                 | 8,3817                 | 89,4155               | 17 422,11     | 150,30                   |
|      | Mai 2.    | 1,6386   | 5,5025      | 7,7465                 | 8,3633                 | 89,2938               | 17 302,04     | 150,10                   |
|      | 3.        | 1,6330   | 5,4916      | 7,7798                 | 8,3961                 | 89,6710               | 17 247,67     | 150,30                   |
|      | 6.        | 1,6248   | 5,4683      | 7,7662                 | 8,4223                 | 89,9875               | 17 289,39     | 150,30                   |
|      | 7.        | 1,6297   | 5,4629      | 7,7707                 | 8,4197                 | 89,8980               | 17 295,26     | 150,30                   |
|      | 8.        | 1,6374   | 5,4682      | 7,7651                 | 8,3989                 | 89,7015               | 17 270,98     | 150,10                   |
|      | 9.        | 1,6299   | 5,5189      | 7,7554                 | 8,3881                 | 89,6070               | 17 248,52     | 150,30                   |
|      | 10.       | 1,6320   | 5,5332      | 7,7877                 | 8,4228                 | 90,0185               | 17 292,10     | 150,30                   |
|      | 13.       | 1,6305   | 5,5486      | 7,8095                 | 8,4329                 | 90,1330               | 17 371,37     | 150,30                   |
|      | 14.       | 1,6329   | 5,5419      | 7,8103                 | 8,4341                 | 90,1600               | 17 407,15     | 150,50                   |
|      | 15.       | 1,6308   | 5,5827      | 7,8212                 | 8,4578                 | 90,4445               | 17 340,14     | 150,30                   |
|      | 16.       | 1,6290   | 5,5696      | 7,8430                 | 8,4798                 | 90,7300               | 17 297,31     | 150,30                   |
|      | 17.       | 1,6281   | 5,5645      | 7,8370                 | 8,4600                 | 90,3883               | 17 316,08     | 150,30                   |
|      | 20.       | 1,6259   | 5,5590      | 7,8560                 | 8,4712                 | 90,4715               | 17 351,81     | 150,30                   |
|      | 21.       | 1,6278   | 5,5371      | 7,8610                 | 8,4778                 | 90,5115               | 17 383,98     | 150,10                   |
|      | 22.       | 1,6288   | 5,5647      | 7,8414                 | 8,4538                 | 90,2135               | 17 371,32     | 150,10                   |
|      | 23.       | 1,6333   | 5,5745      | 7,8578                 | 8,4749                 | 90,3445               | 17 398,69     | 150,10                   |
|      | 24.       | 1,6394   | 5,5722      | 7,8522                 | 8,4680                 | 90,1040               | 17 377,88     | 149,90                   |

\* Erläuterungen siehe S. 48.

## II. Euro-Referenzkurse der Europäischen Zentralbank \*)

## noch: 1. Monatsendstände und Tageskurse

1 EUR = ... WE

| noch: andere europäische und außereuropäische Länder |                                |                     |  |                               |  |  |  |   |  |  |
|--|--------------------------------|---------------------|--|-------------------------------|--|--|--|---|--|--|
| Zeit   | Israel<br>Neuer Schekel<br>ILS | Japan<br>Yen<br>JPY | Kanada<br>Kanadischer<br>Dollar<br>CAD | Korea, Republik<br>Won<br>KRW | Malaysia<br>Malaysischer<br>Ringgit<br>MYR | Mexiko<br>Mexikanischer<br>Peso<br>MXN | Neuseeland<br>Neuseeland-<br>Dollar<br>NZD | Norwegen<br>Norwegische<br>Krone<br>NOK |  |  |
| 2023 April   | 3,9939                         | 149,35              | 1,4981                                 | 1 470,89                      | 4,8981                                     | 19,8182                                | 1,7864                                     | 11,7910                                 |  |  |
| Mai  | 3,9713                         | 149,13              | 1,4582                                 | 1 416,29                      | 4,9307                                     | 18,9263                                | 1,7793                                     | 12,0045                                 |  |  |
| Juni   | 4,0486                         | 157,16              | 1,4415                                 | 1 435,88                      | 5,0717                                     | 18,5614                                | 1,7858                                     | 11,7040                                 |  |  |
| Juli   | 4,0714                         | 156,73              | 1,4566                                 | 1 405,49                      | 4,9703                                     | 18,4088                                | 1,7773                                     | 11,1805                                 |  |  |
| Aug.   | 4,1293                         | 158,49              | 1,4721                                 | 1 439,56                      | 5,0428                                     | 18,1866                                | 1,8259                                     | 11,5800                                 |  |  |
| Sept.  | 4,0472                         | 158,10              | 1,4227                                 | 1 425,26                      | 4,9741                                     | 18,5030                                | 1,7575                                     | 11,2535                                 |  |  |
| Okt.   | 4,2756                         | 160,30              | 1,4712                                 | 1 434,66                      | 5,0594                                     | 19,1551                                | 1,8224                                     | 11,8735                                 |  |  |
| Nov.   | 4,0597                         | 161,19              | 1,4870                                 | 1 418,78                      | 5,0933                                     | 19,0235                                | 1,7762                                     | 11,7200                                 |  |  |
| Dez.   | 3,9993                         | 156,33              | 1,4642                                 | 1 433,66                      | 5,0775                                     | 18,7231                                | 1,7504                                     | 11,2405                                 |  |  |
| 2024 Jan.  | 3,9431                         | 160,19              | 1,4558                                 | 1 444,63                      | 5,1259                                     | 18,5817                                | 1,7705                                     | 11,3510                                 |  |  |
| Febr.  | 3,8736                         | 162,53              | 1,4719                                 | 1 447,43                      | 5,1375                                     | 18,4969                                | 1,7807                                     | 11,4920                                 |  |  |
| März   | 3,9799                         | 163,45              | 1,4672                                 | 1 458,67                      | 5,1168                                     | 17,9179                                | 1,8092                                     | 11,6990                                 |  |  |
| April  | 4,0172                         | 168,27              | 1,4672                                 | 1 479,67                      | 5,1130                                     | 18,1895                                | 1,8035                                     | 11,8150                                 |  |  |
| 2024 April 29.                                       | 4,0316                         | 167,53              | 1,4635                                 | 1 476,15                      | 5,1108                                     | 18,3202                                | 1,7932                                     | 11,7835                                 |  |  |
| 30.  | 4,0172                         | 168,27              | 1,4672                                 | 1 479,67                      | 5,1130                                     | 18,1895                                | 1,8035                                     | 11,8150                                 |  |  |
| Mai 2.   | 4,0046                         | 165,63              | 1,4678                                 | 1 470,41                      | 5,0864                                     | 18,1187                                | 1,8047                                     | 11,8430                                 |  |  |
| 3.   | 3,9943                         | 164,62              | 1,4682                                 | 1 460,24                      | 5,0927                                     | 18,2086                                | 1,7952                                     | 11,7080                                 |  |  |
| 6.   | 4,0322                         | 165,70              | 1,4731                                 | 1 460,00                      | 5,1067                                     | 18,2346                                | 1,7891                                     | 11,6663                                 |  |  |
| 7.   | 4,0056                         | 166,45              | 1,4730                                 | 1 462,45                      | 5,1009                                     | 18,1606                                | 1,7918                                     | 11,6980                                 |  |  |
| 8.   | 3,9883                         | 167,15              | 1,4784                                 | 1 466,47                      | 5,0949                                     | 18,1936                                | 1,7948                                     | 11,7570                                 |  |  |
| 9.   | 4,0140                         | 167,32              | 1,4728                                 | 1 471,57                      | 5,0878                                     | 18,1764                                | 1,7881                                     | 11,7215                                 |  |  |
| 10.  | 4,0091                         | 167,87              | 1,4747                                 | 1 472,72                      | 5,1082                                     | 18,0730                                | 1,7923                                     | 11,6735                                 |  |  |
| 13.  | 4,0161                         | 168,25              | 1,4757                                 | 1 476,01                      | 5,1082                                     | 18,0713                                | 1,7923                                     | 11,6800                                 |  |  |
| 14.  | 4,0089                         | 168,89              | 1,4753                                 | 1 476,56                      | 5,0952                                     | 18,1363                                | 1,7934                                     | 11,6815                                 |  |  |
| 15.  | 4,0030                         | 168,43              | 1,4763                                 | 1 471,93                      | 5,0986                                     | 18,2710                                | 1,7860                                     | 11,6490                                 |  |  |
| 16.  | 4,0057                         | 168,33              | 1,4810                                 | 1 463,04                      | 5,0885                                     | 18,1784                                | 1,7794                                     | 11,6420                                 |  |  |
| 17.  | 4,0318                         | 168,96              | 1,4784                                 | 1 471,55                      | 5,0831                                     | 18,0889                                | 1,7751                                     | 11,6330                                 |  |  |
| 20.  | 4,0267                         | 169,25              | 1,4798                                 | 1 477,31                      | 5,0884                                     | 18,0315                                | 1,7773                                     | 11,6115                                 |  |  |
| 21.  | 3,9892                         | 169,86              | 1,4797                                 | 1 480,56                      | 5,0979                                     | 17,9800                                | 1,7810                                     | 11,5830                                 |  |  |
| 22.  | 3,9853                         | 169,54              | 1,4810                                 | 1 480,95                      | 5,0820                                     | 18,0397                                | 1,7724                                     | 11,5850                                 |  |  |
| 23.  | 3,9863                         | 169,90              | 1,4832                                 | 1 476,66                      | 5,1063                                     | 18,0534                                | 1,7703                                     | 11,5165                                 |  |  |
| 24.  | 3,9801                         | 170,28              | 1,4865                                 | 1 480,44                      | 5,1073                                     | 18,0844                                | 1,7747                                     | 11,4953                                 |  |  |

| noch: andere europäische und außereuropäische Länder |   |                                     |                                    |                          |                         |                                 |   |  |  |  |
|--|---|-------------------------------------|------------------------------------|--------------------------|-------------------------|---------------------------------|---|--|--|--|
| Zeit   | Philippinen<br>Philippinischer<br>Peso<br>PHP | Schweiz<br>Schweizer Franken<br>CHF | Singapur<br>Singapur-Dollar<br>SGD | Südafrika<br>Rand<br>ZAR | Thailand<br>Baht<br>THB | Türkei<br>Türkische Lira<br>TRY | Vereinigte<br>Staaten<br>US-Dollar<br>USD | Vereinigtes<br>Königreich<br>Pfund Sterling<br>GBP |  |  |
| 2023 April   | 60,923  | 0,9839                              | 1,4679                             | 20,1558                  | 37,467                  | 21,3608                         | 1,0981                                    | 0,88050  |  |  |
| Mai  | 60,053  | 0,9724                              | 1,4467                             | 21,1353                  | 37,134                  | 22,1320                         | 1,0683                                    | 0,86405  |  |  |
| Juni   | 60,082  | 0,9788                              | 1,4732                             | 20,5785                  | 38,482                  | 28,3193                         | 1,0866                                    | 0,85828  |  |  |
| Juli   | 60,522  | 0,9619                              | 1,4660                             | 19,5511                  | 37,732                  | 29,7126                         | 1,1023                                    | 0,85765  |  |  |
| Aug.   | 61,545  | 0,9584                              | 1,4686                             | 20,4199                  | 38,005                  | 28,9848                         | 1,0868                                    | 0,85718  |  |  |
| Sept.  | 59,969  | 0,9669                              | 1,4443                             | 19,9813                  | 38,679                  | 29,0514                         | 1,0594                                    | 0,86458  |  |  |
| Okt.   | 60,295  | 0,9607                              | 1,4525                             | 19,9507                  | 38,266                  | 30,0455                         | 1,0619                                    | 0,87366  |  |  |
| Nov.   | 60,623  | 0,9562                              | 1,4602                             | 20,5703                  | 38,494                  | 31,5441                         | 1,0931                                    | 0,86368  |  |  |
| Dez.   | 61,283  | 0,9260                              | 1,4591                             | 20,3477                  | 37,973                  | 32,6531                         | 1,1050                                    | 0,86905  |  |  |
| 2024 Jan.  | 61,023  | 0,9348                              | 1,4517                             | 20,3238                  | 38,461                  | 32,8984                         | 1,0837                                    | 0,85435  |  |  |
| Febr.  | 60,858  | 0,9534                              | 1,4570                             | 20,9007                  | 38,909                  | 33,8067                         | 1,0826                                    | 0,85655  |  |  |
| März   | 60,797  | 0,9766                              | 1,4587                             | 20,5226                  | 39,412                  | 34,9487                         | 1,0811                                    | 0,85510  |  |  |
| April  | 61,830  | 0,9787                              | 1,4593                             | 20,0682                  | 39,732                  | 34,7045                         | 1,0718                                    | 0,85478  |  |  |
| 2024 April 29.                                       | 61,858  | 0,9776                              | 1,4578                             | 20,0504                  | 39,696                  | 34,7103                         | 1,0720                                    | 0,85493  |  |  |
| 30.  | 61,830  | 0,9787                              | 1,4593                             | 20,0682                  | 39,732                  | 34,7045                         | 1,0718                                    | 0,85478  |  |  |
| Mai 2.   | 61,628  | 0,9759                              | 1,4538                             | 19,9690                  | 39,508                  | 34,6345                         | 1,0698                                    | 0,85538  |  |  |
| 3.   | 61,392  | 0,9744                              | 1,4527                             | 19,8952                  | 39,516                  | 34,7482                         | 1,0744                                    | 0,85573  |  |  |
| 6.   | 61,660  | 0,9754                              | 1,4548                             | 19,8369                  | 39,618                  | 34,7747                         | 1,0776                                    | 0,85660  |  |  |
| 7.   | 61,678  | 0,9770                              | 1,4570                             | 19,9127                  | 39,683                  | 34,7408                         | 1,0766                                    | 0,85805  |  |  |
| 8.   | 61,643  | 0,9770                              | 1,4572                             | 20,0409                  | 39,717                  | 34,6564                         | 1,0743                                    | 0,86083  |  |  |
| 9.   | 61,569  | 0,9760                              | 1,4558                             | 19,8856                  | 39,617                  | 34,5811                         | 1,0732                                    | 0,85995  |  |  |
| 10.  | 61,936  | 0,9779                              | 1,4592                             | 19,8673                  | 39,580                  | 34,7431                         | 1,0779                                    | 0,86055  |  |  |
| 13.  | 62,417  | 0,9784                              | 1,4605                             | 19,8185                  | 39,688                  | 34,7702                         | 1,0795                                    | 0,86023  |  |  |
| 14.  | 62,452  | 0,9801                              | 1,4609                             | 19,8835                  | 39,589                  | 34,8169                         | 1,0796                                    | 0,85983  |  |  |
| 15.  | 62,284  | 0,9800                              | 1,4609                             | 19,9073                  | 39,580                  | 34,9765                         | 1,0832                                    | 0,85840  |  |  |
| 16.  | 62,490  | 0,9822                              | 1,4617                             | 19,7911                  | 39,291                  | 34,9901                         | 1,0866                                    | 0,85850  |  |  |
| 17.  | 62,559  | 0,9855                              | 1,4609                             | 19,8068                  | 39,358                  | 34,9852                         | 1,0844                                    | 0,85685  |  |  |
| 20.  | 62,853  | 0,9880                              | 1,4628                             | 19,8052                  | 39,214                  | 34,9725                         | 1,0861                                    | 0,85548  |  |  |
| 21.  | 63,294  | 0,9884                              | 1,4632                             | 19,6955                  | 39,425                  | 34,9752                         | 1,0864                                    | 0,85440  |  |  |
| 22.  | 62,825  | 0,9905                              | 1,4616                             | 19,7464                  | 39,448                  | 34,8553                         | 1,0830                                    | 0,85165  |  |  |
| 23.  | 63,138  | 0,9907                              | 1,4637                             | 19,9118                  | 39,612                  | 34,9722                         | 1,0854                                    | 0,85175  |  |  |
| 24.  | 63,078  | 0,9924                              | 1,4639                             | 19,9506                  | 39,756                  | 34,9539                         | 1,0840                                    | 0,85241  |  |  |

\* Erläuterungen siehe S. 48.

## II. Euro-Referenzkurse der Europäischen Zentralbank \*)

## 2. Jahres- und Monatsdurchschnitte +)

1 EUR = ... WE

| EU-Mitgliedsländer |            |                       |             |              |            |                          |                           |               |  |
|--------------------|------------|-----------------------|-------------|--------------|------------|--------------------------|---------------------------|---------------|--|
| Zeit               | Bulgarien  | Dänemark              | Kroatien 1) | Polen        | Rumänien   | Schweden                 | Tschechien                | Ungarn        |  |
|                    | Lew<br>BGN | Dänische Krone<br>DKK | Kuna<br>HRK | Zloty<br>PLN | Leu<br>RON | Schwedische Krone<br>SEK | Tschechische Krone<br>CZK | Forint<br>HUF |  |
| 2022               | 1,9558     | 7,4396                | 7,5349      | 4,6861       | 4,9313     | 10,6296                  | 24,566                    | 391,29        |  |
| 2023               | 1,9558     | 7,4509                | -           | 4,5420       | 4,9467     | 11,4788                  | 24,004                    | 381,85        |  |
| 2022 März          | 1,9558     | 7,4404                | 7,5711      | 4,7522       | 4,9482     | 10,5463                  | 25,007                    | 376,64        |  |
| April              | 1,9558     | 7,4391                | 7,5577      | 4,6485       | 4,9442     | 10,3175                  | 24,435                    | 374,87        |  |
| Mai                | 1,9558     | 7,4405                | 7,5356      | 4,6485       | 4,9460     | 10,4956                  | 24,750                    | 384,45        |  |
| Juni               | 1,9558     | 7,4392                | 7,5252      | 4,6471       | 4,9444     | 10,6005                  | 24,719                    | 396,66        |  |
| Juli               | 1,9558     | 7,4426                | 7,5185      | 4,7682       | 4,9396     | 10,5752                  | 24,594                    | 404,10        |  |
| Aug.               | 1,9558     | 7,4393                | 7,5138      | 4,7233       | 4,8943     | 10,5021                  | 24,568                    | 402,10        |  |
| Sept.              | 1,9558     | 7,4366                | 7,5222      | 4,7414       | 4,9097     | 10,7840                  | 24,576                    | 404,19        |  |
| Okt.               | 1,9558     | 7,4389                | 7,5298      | 4,8040       | 4,9259     | 10,9503                  | 24,528                    | 418,31        |  |
| Nov.               | 1,9558     | 7,4387                | 7,5426      | 4,6964       | 4,9142     | 10,8798                  | 24,369                    | 406,68        |  |
| Dez.               | 1,9558     | 7,4377                | 7,5448      | 4,6832       | 4,9224     | 10,9859                  | 24,269                    | 407,68        |  |
| 2023 Jan.          | 1,9558     | 7,4383                | -           | 4,6974       | 4,9242     | 11,2051                  | 23,958                    | 396,03        |  |
| Febr.              | 1,9558     | 7,4447                | -           | 4,7415       | 4,9087     | 11,1725                  | 23,712                    | 384,91        |  |
| März               | 1,9558     | 7,4456                | -           | 4,6893       | 4,9263     | 11,2276                  | 23,683                    | 385,01        |  |
| April              | 1,9558     | 7,4518                | -           | 4,6320       | 4,9365     | 11,3370                  | 23,437                    | 375,34        |  |
| Mai                | 1,9558     | 7,4485                | -           | 4,5345       | 4,9477     | 11,3697                  | 23,595                    | 372,37        |  |
| Juni               | 1,9558     | 7,4492                | -           | 4,4608       | 4,9600     | 11,6766                  | 23,695                    | 370,60        |  |
| Juli               | 1,9558     | 7,4508                | -           | 4,4431       | 4,9411     | 11,6343                  | 23,892                    | 379,04        |  |
| Aug.               | 1,9558     | 7,4522                | -           | 4,4601       | 4,9411     | 11,8117                  | 24,108                    | 385,05        |  |
| Sept.              | 1,9558     | 7,4566                | -           | 4,5981       | 4,9656     | 11,8417                  | 24,380                    | 386,43        |  |
| Okt.               | 1,9558     | 7,4604                | -           | 4,5124       | 4,9682     | 11,6472                  | 24,584                    | 385,33        |  |
| Nov.               | 1,9558     | 7,4581                | -           | 4,4020       | 4,9703     | 11,5475                  | 24,485                    | 379,19        |  |
| Dez.               | 1,9558     | 7,4556                | -           | 4,3335       | 4,9707     | 11,2028                  | 24,478                    | 381,80        |  |
| 2024 Jan.          | 1,9558     | 7,4572                | -           | 4,3648       | 4,9749     | 11,2834                  | 24,716                    | 382,04        |  |
| Febr.              | 1,9558     | 7,4550                | -           | 4,3256       | 4,9746     | 11,2500                  | 25,232                    | 388,04        |  |
| März               | 1,9558     | 7,4566                | -           | 4,3069       | 4,9708     | 11,3054                  | 25,292                    | 395,09        |  |
| April              | 1,9558     | 7,4596                | -           | 4,3026       | 4,9730     | 11,5910                  | 25,278                    | 392,41        |  |

| andere europäische und außereuropäische Länder |                             |             |                        |                        |                       |               |                          |                      |
|--|-----------------------------|-------------|------------------------|------------------------|-----------------------|---------------|--------------------------|----------------------|
| Zeit   | Australien                  | Brasilien   | China                  | Hongkong               | Indien                | Indonesien    | Island                   | Israel               |
|  | Australischer Dollar<br>AUD | Real<br>BRL | Yuan (Renminbi)<br>CNY | Hongkong-Dollar<br>HKD | Indische Rupie<br>INR | Rupiah<br>IDR | Isländische Krone<br>ISK | Neuer Schekel<br>ILS |
| 2022   | 1,5167                      | 5,4399      | 7,0788                 | 8,2451                 | 82,6864               | 15 625,25     | 142,24                   | 3,5345               |
| 2023   | 1,6288                      | 5,4010      | 7,6600                 | 8,4650                 | 89,3001               | 16 479,62     | 149,13                   | 3,9880               |
| 2022 März                                      | 1,4946                      | 5,4884      | 6,9916                 | 8,6199                 | 83,9933               | 15 802,12     | 143,39                   | 3,5710               |
| April  | 1,4663                      | 5,1342      | 6,9605                 | 8,4828                 | 82,4033               | 15 566,64     | 139,83                   | 3,5106               |
| Mai  | 1,4995                      | 5,2460      | 7,0830                 | 8,3030                 | 81,7828               | 15 422,62     | 138,46                   | 3,5758               |
| Juni   | 1,5044                      | 5,3209      | 7,0734                 | 8,2922                 | 82,5112               | 15 531,74     | 138,47                   | 3,6038               |
| Juli   | 1,4856                      | 5,4718      | 6,8538                 | 7,9895                 | 81,0182               | 15 258,22     | 139,05                   | 3,5309               |
| Aug.   | 1,4550                      | 5,2111      | 6,8884                 | 7,9473                 | 80,5563               | 15 024,16     | 140,12                   | 3,3408               |
| Sept.  | 1,4820                      | 5,1791      | 6,9508                 | 7,7738                 | 79,4558               | 14 847,40     | 140,35                   | 3,4181               |
| Okt.   | 1,5474                      | 5,1658      | 7,0687                 | 7,7128                 | 80,9180               | 15 172,93     | 141,50                   | 3,4823               |
| Nov.   | 1,5455                      | 5,3846      | 7,3171                 | 7,9873                 | 83,3384               | 15 975,07     | 146,98                   | 3,5488               |
| Dez.   | 1,5685                      | 5,5589      | 7,3859                 | 8,2434                 | 87,3381               | 16 503,30     | 150,76                   | 3,6562               |
| 2023 Jan.                                      | 1,5523                      | 5,6047      | 7,3173                 | 8,4217                 | 88,1441               | 16 427,04     | 154,06                   | 3,7126               |
| Febr.  | 1,5514                      | 5,5386      | 7,3244                 | 8,4077                 | 88,5004               | 16 232,58     | 153,11                   | 3,7975               |
| März   | 1,6034                      | 5,5784      | 7,3807                 | 8,4026                 | 88,1159               | 16 364,98     | 149,89                   | 3,8742               |
| April  | 1,6389                      | 5,4995      | 7,5561                 | 8,6093                 | 89,9311               | 16 313,20     | 149,62                   | 3,9877               |
| Mai  | 1,6346                      | 5,4092      | 7,5948                 | 8,5167                 | 89,4602               | 16 116,84     | 150,47                   | 3,9863               |
| Juni   | 1,6157                      | 5,2695      | 7,7653                 | 8,4899                 | 89,1134               | 16 194,88     | 149,35                   | 3,9502               |
| Juli   | 1,6423                      | 5,3099      | 7,9482                 | 8,6437                 | 90,8395               | 16 639,99     | 146,79                   | 4,0546               |
| Aug.   | 1,6818                      | 5,3427      | 7,9096                 | 8,5370                 | 90,3518               | 16 639,40     | 143,87                   | 4,0861               |
| Sept.  | 1,6622                      | 5,2770      | 7,7967                 | 8,3640                 | 88,7372               | 16 424,67     | 144,46                   | 4,0793               |
| Okt.   | 1,6637                      | 5,3509      | 7,7200                 | 8,2648                 | 87,8937               | 16 646,67     | 146,50                   | 4,2034               |
| Nov.   | 1,6634                      | 5,2963      | 7,8087                 | 8,4380                 | 90,0102               | 16 853,56     | 151,44                   | 4,1118               |
| Dez.   | 1,6321                      | 5,3428      | 7,7870                 | 8,5152                 | 90,8009               | 16 910,33     | 150,55                   | 4,0057               |
| 2024 Jan.                                      | 1,6422                      | 5,3569      | 7,8201                 | 8,5244                 | 90,6347               | 17 049,43     | 149,43                   | 4,0493               |
| Febr.  | 1,6533                      | 5,3559      | 7,7651                 | 8,4432                 | 89,5608               | 16 898,59     | 148,68                   | 3,9345               |
| März   | 1,6586                      | 5,4157      | 7,8297                 | 8,5049                 | 90,2515               | 17 063,66     | 149,04                   | 3,9442               |
| April  | 1,6469                      | 5,4975      | 7,7658                 | 8,4006                 | 89,4676               | 17 258,77     | 150,35                   | 4,0240               |

\* Erläuterungen siehe S. 48. + Eigene Berechnungen der Durchschnitte auf Basis der täglichen Euro-Referenzkurse der EZB. 1 Am 1. Januar 2023 Beitritt zum Euroraum.

## II. Euro-Referenzkurse der Europäischen Zentralbank \*)

noch: 2. Jahres- und Monatsdurchschnitte +)

1 EUR = ... WE

| noch: andere europäische und außereuropäische Länder |                     |  |                               |  |  |  |   |   |  |  |
|--|---------------------|--|-------------------------------|--|--|--|---|---|--|--|
| Zeit   | Japan<br>Yen<br>JPY | Kanada<br>Kanadischer<br>Dollar<br>CAD | Korea, Republik<br>Won<br>KRW | Malaysia<br>Malaysischer<br>Ringgit<br>MYR | Mexiko<br>Mexikanischer<br>Peso<br>MXN | Neuseeland<br>Neuseeland-<br>Dollar<br>NZD | Norwegen<br>Norwegische<br>Krone<br>NOK | Philippinen<br>Philippinischer<br>Peso<br>PHP |  |  |
| 2022   | 138,03              | 1,3695                                 | 1 358,07                      | 4,6279                                     | 21,1869                                | 1,6582                                     | 10,1026                                 | 57,314  |  |  |
| 2023   | 151,99              | 1,4595                                 | 1 412,88                      | 4,9320                                     | 19,1830                                | 1,7622                                     | 11,4248                                 | 60,163  |  |  |
| 2022 März  | 130,71              | 1,3950                                 | 1 345,66                      | 4,6277                                     | 22,6476                                | 1,6049                                     | 9,7367                                  | 57,415  |  |  |
| April  | 136,61              | 1,3652                                 | 1 337,58                      | 4,6208                                     | 21,7206                                | 1,5978                                     | 9,6191                                  | 56,264  |  |  |
| Mai  | 136,24              | 1,3588                                 | 1 340,10                      | 4,6344                                     | 21,1861                                | 1,6515                                     | 10,1453                                 | 55,421  |  |  |
| Juni   | 141,57              | 1,3537                                 | 1 351,47                      | 4,6496                                     | 21,1240                                | 1,6640                                     | 10,2972                                 | 56,756  |  |  |
| Juli   | 139,17              | 1,3180                                 | 1 332,00                      | 4,5197                                     | 20,8955                                | 1,6436                                     | 10,1823                                 | 56,917  |  |  |
| Aug.   | 136,85              | 1,3078                                 | 1 337,90                      | 4,5233                                     | 20,3909                                | 1,6158                                     | 9,8309                                  | 56,542  |  |  |
| Sept.  | 141,57              | 1,3187                                 | 1 381,71                      | 4,5005                                     | 19,8718                                | 1,6691                                     | 10,1697                                 | 57,074  |  |  |
| Okt.   | 144,73              | 1,3477                                 | 1 403,51                      | 4,6127                                     | 19,6481                                | 1,7299                                     | 10,3919                                 | 57,738  |  |  |
| Nov.   | 145,12              | 1,3708                                 | 1 384,19                      | 4,7002                                     | 19,8393                                | 1,6828                                     | 10,3357                                 | 58,655  |  |  |
| Dez.   | 142,82              | 1,4379                                 | 1 370,59                      | 4,6721                                     | 20,7608                                | 1,6660                                     | 10,4480                                 | 58,888  |  |  |
| 2023 Jan.  | 140,54              | 1,4474                                 | 1 341,38                      | 4,6589                                     | 20,4573                                | 1,6851                                     | 10,7149                                 | 59,162  |  |  |
| Febr.  | 142,38              | 1,4400                                 | 1 368,77                      | 4,6794                                     | 19,9543                                | 1,7016                                     | 10,9529                                 | 58,743  |  |  |
| März   | 143,01              | 1,4649                                 | 1 398,25                      | 4,7816                                     | 19,7242                                | 1,7242                                     | 11,2858                                 | 58,581  |  |  |
| April  | 146,51              | 1,4792                                 | 1 452,07                      | 4,8561                                     | 19,8195                                | 1,7673                                     | 11,5187                                 | 60,807  |  |  |
| Mai  | 148,93              | 1,4687                                 | 1 442,31                      | 4,9119                                     | 19,2755                                | 1,7481                                     | 11,7330                                 | 60,604  |  |  |
| Juni   | 153,15              | 1,4414                                 | 1 406,43                      | 5,0208                                     | 18,6993                                | 1,7686                                     | 11,7164                                 | 60,475  |  |  |
| Juli   | 155,94              | 1,4618                                 | 1 419,16                      | 5,0754                                     | 18,7085                                | 1,7758                                     | 11,3474                                 | 60,690  |  |  |
| Aug.   | 157,96              | 1,4703                                 | 1 443,24                      | 5,0294                                     | 18,5202                                | 1,8195                                     | 11,4127                                 | 61,461  |  |  |
| Sept.  | 157,80              | 1,4458                                 | 1 424,53                      | 5,0024                                     | 18,4757                                | 1,8012                                     | 11,4525                                 | 60,665  |  |  |
| Okt.   | 158,04              | 1,4474                                 | 1 427,33                      | 5,0142                                     | 19,0882                                | 1,7916                                     | 11,6284                                 | 59,994  |  |  |
| Nov.   | 161,84              | 1,4828                                 | 1 412,57                      | 5,0667                                     | 18,7877                                | 1,8033                                     | 11,7958                                 | 60,285  |  |  |
| Dez.   | 157,21              | 1,4653                                 | 1 423,13                      | 5,0826                                     | 18,7665                                | 1,7556                                     | 11,5333                                 | 60,593  |  |  |
| 2024 Jan.  | 159,46              | 1,4631                                 | 1 447,18                      | 5,1105                                     | 18,6268                                | 1,7673                                     | 11,3501                                 | 61,090  |  |  |
| Febr.  | 161,38              | 1,4564                                 | 1 437,37                      | 5,1468                                     | 18,4425                                | 1,7618                                     | 11,3843                                 | 60,486  |  |  |
| März   | 162,77              | 1,4726                                 | 1 448,12                      | 5,1272                                     | 18,2610                                | 1,7869                                     | 11,5214                                 | 60,736  |  |  |
| April  | 165,03              | 1,4661                                 | 1 469,42                      | 5,1139                                     | 18,0066                                | 1,7992                                     | 11,6828                                 | 61,171  |  |  |

| noch: andere europäische und außereuropäische Länder |  |                                     |                                    |                          |                         |                                 |   |  |
|--|--|-------------------------------------|------------------------------------|--------------------------|-------------------------|---------------------------------|---|--|
| Zeit   | Russische<br>Föderation<br>Rubel<br>RUB 1) | Schweiz<br>Schweizer Franken<br>CHF | Singapur<br>Singapur-Dollar<br>SGD | Südafrika<br>Rand<br>ZAR | Thailand<br>Baht<br>THB | Türkei<br>Türkische Lira<br>TRY | Vereinigte<br>Staaten<br>US-Dollar<br>USD | Vereinigtes<br>Königreich<br>Pfund Sterling<br>GBP |
| 2022   | –  | 1,0047                              | 1,4512                             | 17,2086                  | 36,856                  | 17,4088                         | 1,0530                                    | 0,85276  |
| 2023   | –  | 0,9718                              | 1,4523                             | 19,9551                  | 37,631                  | 25,7597                         | 1,0813                                    | 0,86979  |
| 2022 März  | –  | 1,0245                              | 1,4972                             | 16,5138                  | 36,648                  | 16,1233                         | 1,1019                                    | 0,83638  |
| April  | –  | 1,0211                              | 1,4775                             | 16,2796                  | 36,559                  | 15,9311                         | 1,0819                                    | 0,83655  |
| Mai  | –  | 1,0355                              | 1,4621                             | 16,8131                  | 36,392                  | 16,5412                         | 1,0579                                    | 0,84969  |
| Juni   | –  | 1,0245                              | 1,4624                             | 16,6961                  | 36,928                  | 17,9599                         | 1,0566                                    | 0,85759  |
| Juli   | –  | 0,9876                              | 1,4211                             | 17,1606                  | 37,028                  | 17,7896                         | 1,0179                                    | 0,84955  |
| Aug.   | –  | 0,9690                              | 1,4016                             | 16,9182                  | 36,306                  | 18,2701                         | 1,0128                                    | 0,84499  |
| Sept.  | –  | 0,9640                              | 1,3999                             | 17,3828                  | 36,670                  | 18,1465                         | 0,9904                                    | 0,87463  |
| Okt.   | –  | 0,9791                              | 1,4003                             | 17,8214                  | 37,286                  | 18,2655                         | 0,9826                                    | 0,87058  |
| Nov.   | –  | 0,9842                              | 1,4144                             | 17,8328                  | 37,087                  | 18,9877                         | 1,0201                                    | 0,86892  |
| Dez.   | –  | 0,9865                              | 1,4313                             | 18,3036                  | 36,817                  | 19,7613                         | 1,0589                                    | 0,86950  |
| 2023 Jan.  | –  | 0,9961                              | 1,4283                             | 18,4320                  | 35,840                  | 20,2312                         | 1,0769                                    | 0,88212  |
| Febr.  | –  | 0,9905                              | 1,4262                             | 19,1765                  | 36,486                  | 20,1981                         | 1,0715                                    | 0,88550  |
| März   | –  | 0,9908                              | 1,4354                             | 19,5602                  | 36,912                  | 20,3491                         | 1,0706                                    | 0,88192  |
| April  | –  | 0,9846                              | 1,4609                             | 19,9205                  | 37,549                  | 21,2267                         | 1,0968                                    | 0,88115  |
| Mai  | –  | 0,9751                              | 1,4555                             | 20,6864                  | 37,166                  | 21,4918                         | 1,0868                                    | 0,87041  |
| Juni   | –  | 0,9764                              | 1,4596                             | 20,3033                  | 37,852                  | 25,7697                         | 1,0840                                    | 0,85861  |
| Juli   | –  | 0,9663                              | 1,4753                             | 20,1074                  | 38,243                  | 29,3212                         | 1,1058                                    | 0,85856  |
| Aug.   | –  | 0,9588                              | 1,4735                             | 20,4723                  | 38,195                  | 29,3788                         | 1,0909                                    | 0,85892  |
| Sept.  | –  | 0,9600                              | 1,4562                             | 20,2780                  | 38,301                  | 28,8643                         | 1,0684                                    | 0,86158  |
| Okt.   | –  | 0,9547                              | 1,4462                             | 20,1390                  | 38,549                  | 29,4506                         | 1,0563                                    | 0,86798  |
| Nov.   | –  | 0,9634                              | 1,4575                             | 20,0397                  | 38,327                  | 30,9786                         | 1,0808                                    | 0,87045  |
| Dez.   | –  | 0,9441                              | 1,4533                             | 20,3373                  | 38,176                  | 31,7243                         | 1,0903                                    | 0,86168  |
| 2024 Jan.  | –  | 0,9368                              | 1,4569                             | 20,5161                  | 38,401                  | 32,8165                         | 1,0905                                    | 0,85873  |
| Febr.  | –  | 0,9462                              | 1,4513                             | 20,5082                  | 38,709                  | 33,2644                         | 1,0795                                    | 0,85466  |
| März   | –  | 0,9656                              | 1,4573                             | 20,4955                  | 39,079                  | 34,8229                         | 1,0872                                    | 0,85524  |
| April  | –  | 0,9761                              | 1,4554                             | 20,2378                  | 39,454                  | 34,6926                         | 1,0728                                    | 0,85658  |

\* Erläuterungen siehe S. 48. + Eigene Berechnungen der Durchschnitte auf Basis der täglichen Euro-Referenzkurse der EZB. 1 Die EZB hat die Veröffentlichung des Euro-Referenzkurses zum Rubel mit Wirkung vom 2. März 2022 ausgesetzt.

## II. Euro-Referenzkurse der Europäischen Zentralbank \*)

## 3. Jahresendstände und -durchschnitte

1 EUR = ... WE

| EU-Mitgliedsländer             |                         |                                      |   |                            |                            |                            |                       |                        |   |  |
|--------------------------------|-------------------------|--------------------------------------|---|----------------------------|----------------------------|----------------------------|-----------------------|------------------------|---|--|
| Zeit                           | Bulgarien<br>Lew<br>BGN | Dänemark<br>Dänische<br>Krone<br>DKK | Estland 1)<br>Estnische<br>Krone<br>EEK | Kroatien 1)<br>Kuna<br>HRK | Lettland 1)<br>Lats<br>LVL | Litauen 1)<br>Litas<br>LTL | Polen<br>Zloty<br>PLN | Rumänien<br>Leu<br>RON | Schweden<br>Schwedische<br>Krone<br>SEK |  |
| <b>Stand am Jahresende</b>     |                         |                                      |   |                            |                            |                            |                       |                        |   |  |
| 2010                           | 1,9558                  | 7,4535                               | 15,6466                                 | 7,3830                     | 0,709400                   | 3,4528                     | 3,9750                | 4,2620                 | 8,9655                                  |  |
| 2011                           | 1,9558                  | 7,4342                               | –                                       | 7,5370                     | 0,699500                   | 3,4528                     | 4,4580                | 4,3233                 | 8,9120                                  |  |
| 2012                           | 1,9558                  | 7,4610                               | –                                       | 7,5575                     | 0,697700                   | 3,4528                     | 4,0740                | 4,4445                 | 8,5820                                  |  |
| 2013                           | 1,9558                  | 7,4593                               | –                                       | 7,6265                     | 0,702804                   | 3,4528                     | 4,1543                | 4,4710                 | 8,8591                                  |  |
| 2014                           | 1,9558                  | 7,4453                               | –                                       | 7,6580                     | –                          | 3,4528                     | 4,2732                | 4,4828                 | 9,3930                                  |  |
| 2015                           | 1,9558                  | 7,4626                               | –                                       | 7,6380                     | –                          | –                          | 4,2639                | 4,5240                 | 9,1895                                  |  |
| 2016                           | 1,9558                  | 7,4344                               | –                                       | 7,5597                     | –                          | –                          | 4,4103                | 4,5390                 | 9,5525                                  |  |
| 2017                           | 1,9558                  | 7,4449                               | –                                       | 7,4400                     | –                          | –                          | 4,1770                | 4,6585                 | 9,8438                                  |  |
| 2018                           | 1,9558                  | 7,4673                               | –                                       | 7,4125                     | –                          | –                          | 4,3014                | 4,6635                 | 10,2548                                 |  |
| 2019                           | 1,9558                  | 7,4715                               | –                                       | 7,4395                     | –                          | –                          | 4,2568                | 4,7830                 | 10,4468                                 |  |
| 2020                           | 1,9558                  | 7,4409                               | –                                       | 7,5519                     | –                          | –                          | 4,5597                | 4,8683                 | 10,0343                                 |  |
| 2021                           | 1,9558                  | 7,4364                               | –                                       | 7,5156                     | –                          | –                          | 4,5969                | 4,9490                 | 10,2503                                 |  |
| 2022                           | 1,9558                  | 7,4365                               | –                                       | 7,5365                     | –                          | –                          | 4,6808                | 4,9495                 | 11,1218                                 |  |
| 2023                           | 1,9558                  | 7,4529                               | –                                       | –                          | –                          | –                          | 4,3395                | 4,9756                 | 11,0960                                 |  |
| <b>Durchschnitt im Jahr +)</b> |                         |                                      |   |                            |                            |                            |                       |                        |   |  |
| 2010                           | 1,9558                  | 7,4473                               | 15,6466                                 | 7,2891                     | 0,7087                     | 3,4528                     | 3,9947                | 4,2122                 | 9,5373                                  |  |
| 2011                           | 1,9558                  | 7,4506                               | –                                       | 7,4390                     | 0,7063                     | 3,4528                     | 4,1206                | 4,2391                 | 9,0298                                  |  |
| 2012                           | 1,9558                  | 7,4437                               | –                                       | 7,5217                     | 0,6973                     | 3,4528                     | 4,1847                | 4,4593                 | 8,7041                                  |  |
| 2013                           | 1,9558                  | 7,4579                               | –                                       | 7,5786                     | 0,7015                     | 3,4528                     | 4,1975                | 4,4190                 | 8,6515                                  |  |
| 2014                           | 1,9558                  | 7,4548                               | –                                       | 7,6344                     | –                          | 3,4528                     | 4,1843                | 4,4437                 | 9,0985                                  |  |
| 2015                           | 1,9558                  | 7,4587                               | –                                       | 7,6137                     | –                          | –                          | 4,1841                | 4,4454                 | 9,3535                                  |  |
| 2016                           | 1,9558                  | 7,4452                               | –                                       | 7,5333                     | –                          | –                          | 4,3632                | 4,4904                 | 9,4689                                  |  |
| 2017                           | 1,9558                  | 7,4386                               | –                                       | 7,4637                     | –                          | –                          | 4,2570                | 4,5688                 | 9,6351                                  |  |
| 2018                           | 1,9558                  | 7,4532                               | –                                       | 7,4182                     | –                          | –                          | 4,2615                | 4,6540                 | 10,2583                                 |  |
| 2019                           | 1,9558                  | 7,4661                               | –                                       | 7,4180                     | –                          | –                          | 4,2976                | 4,7453                 | 10,5891                                 |  |
| 2020                           | 1,9558                  | 7,4542                               | –                                       | 7,5384                     | –                          | –                          | 4,4430                | 4,8383                 | 10,4848                                 |  |
| 2021                           | 1,9558                  | 7,4370                               | –                                       | 7,5284                     | –                          | –                          | 4,5652                | 4,9215                 | 10,1465                                 |  |
| 2022                           | 1,9558                  | 7,4396                               | –                                       | 7,5349                     | –                          | –                          | 4,6861                | 4,9313                 | 10,6296                                 |  |
| 2023                           | 1,9558                  | 7,4509                               | –                                       | –                          | –                          | –                          | 4,5420                | 4,9467                 | 11,4788                                 |  |

| noch: EU-Mitgliedsländer                   |                         | andere europäische und außereuropäische Länder |                          |                                    |  |                                 |                             |           |
|--|-------------------------|--|--------------------------|------------------------------------|--|---------------------------------|-----------------------------|-----------|
| Tschechien<br>Tschechische<br>Krone<br>CZK | Ungarn<br>Forint<br>HUF | Australien<br>Australischer<br>Dollar<br>AUD   | Brasilien<br>Real<br>BRL | China<br>Yuan<br>(Renminbi)<br>CNY | Hongkong<br>Hongkong-<br>Dollar<br>HKD | Indien<br>Indische Rupie<br>INR | Indonesien<br>Rupiah<br>IDR |           |
| <b>Stand am Jahresende</b>                 |                         |  |                          |                                    |  |                                 |                             |           |
| 2010                                       | 25,061                  | 277,95   | 1,3136                   | 2,2177                             | 8,8220                                 | 10,3856                         | 59,7580                     | 12 002,14 |
| 2011                                       | 25,787                  | 314,58   | 1,2723                   | 2,4159                             | 8,1588                                 | 10,0510                         | 68,7130                     | 11 731,47 |
| 2012                                       | 25,151                  | 292,30   | 1,2712                   | 2,7036                             | 8,2207                                 | 10,2260                         | 72,5600                     | 12 713,97 |
| 2013                                       | 27,427                  | 297,04   | 1,5423                   | 3,2576                             | 8,3491                                 | 10,6933                         | 85,3660                     | 16 764,78 |
| 2014                                       | 27,735                  | 315,54   | 1,4829                   | 3,2207                             | 7,5358                                 | 9,4170                          | 76,7190                     | 15 076,10 |
| 2015                                       | 27,023                  | 315,98   | 1,4897                   | 4,3117                             | 7,0608                                 | 8,4376                          | 72,0215                     | 15 039,99 |
| 2016                                       | 27,021                  | 309,83   | 1,4596                   | 3,4305                             | 7,3202                                 | 8,1751                          | 71,5935                     | 14 173,43 |
| 2017                                       | 25,535                  | 310,33   | 1,5346                   | 3,9729                             | 7,8044                                 | 9,3720                          | 76,6055                     | 16 239,12 |
| 2018                                       | 25,724                  | 320,98   | 1,6220                   | 4,4440                             | 7,8751                                 | 8,9675                          | 79,7298                     | 16 500,00 |
| 2019                                       | 25,408                  | 330,53   | 1,5995                   | 4,5157                             | 7,8205                                 | 8,7473                          | 80,1870                     | 15 595,60 |
| 2020                                       | 26,242                  | 363,89   | 1,5896                   | 6,3735                             | 8,0225                                 | 9,5142                          | 89,6605                     | 17 240,76 |
| 2021                                       | 24,858                  | 369,19   | 1,5615                   | 6,3101                             | 7,1947                                 | 8,8333                          | 84,2292                     | 16 100,42 |
| 2022                                       | 24,116                  | 400,87   | 1,5693                   | 5,6386                             | 7,3582                                 | 8,3163                          | 88,1710                     | 16 519,82 |
| 2023                                       | 24,724                  | 382,80   | 1,6263                   | 5,3618                             | 7,8509                                 | 8,6314                          | 91,9045                     | 17 079,71 |
| <b>Durchschnitt im Jahr +)</b>             |                         |  |                          |                                    |  |                                 |                             |           |
| 2010                                       | 25,284                  | 275,48   | 1,4423                   | 2,3314                             | 8,9712                                 | 10,2994                         | 60,5878                     | 12 041,70 |
| 2011                                       | 24,590                  | 279,37   | 1,3484                   | 2,3265                             | 8,9960                                 | 10,8362                         | 64,8859                     | 12 206,51 |
| 2012                                       | 25,149                  | 289,25   | 1,2407                   | 2,5084                             | 8,1052                                 | 9,9663                          | 68,5973                     | 12 045,73 |
| 2013                                       | 25,980                  | 296,87   | 1,3777                   | 2,8687                             | 8,1646                                 | 10,3016                         | 77,9300                     | 13 857,50 |
| 2014                                       | 27,536                  | 308,71   | 1,4719                   | 3,1211                             | 8,1857                                 | 10,3025                         | 81,0406                     | 15 748,92 |
| 2015                                       | 27,279                  | 310,00   | 1,4777                   | 3,7004                             | 6,9733                                 | 8,6014                          | 71,1956                     | 14 870,39 |
| 2016                                       | 27,034                  | 311,44   | 1,4883                   | 3,8561                             | 7,3522                                 | 8,5922                          | 74,3717                     | 14 720,83 |
| 2017                                       | 26,326                  | 309,19   | 1,4732                   | 3,6054                             | 7,6290                                 | 8,8045                          | 73,5324                     | 15 118,01 |
| 2018                                       | 25,647                  | 318,89   | 1,5797                   | 4,3085                             | 7,8081                                 | 9,2559                          | 80,7332                     | 16 803,22 |
| 2019                                       | 25,670                  | 325,30   | 1,6109                   | 4,4134                             | 7,7355                                 | 8,7715                          | 78,8361                     | 15 835,27 |
| 2020                                       | 26,455                  | 351,25   | 1,6549                   | 5,8943                             | 7,8747                                 | 8,8587                          | 84,6392                     | 16 627,37 |
| 2021                                       | 25,640                  | 358,52   | 1,5749                   | 6,3779                             | 7,6282                                 | 9,1932                          | 87,4392                     | 16 920,72 |
| 2022                                       | 24,566                  | 391,29   | 1,5167                   | 5,4399                             | 7,0788                                 | 8,2451                          | 82,6864                     | 15 625,25 |
| 2023                                       | 24,004                  | 381,85   | 1,6288                   | 5,4010                             | 7,6600                                 | 8,4650                          | 89,3001                     | 16 479,62 |

\* Erläuterungen siehe S. 48. + Eigene Berechnungen der Durchschnitte auf Basis der täglichen Euro-Referenzkurse der EZB. 1 Beitritt zum Euroraum siehe S. 7 (Tabelle I.1.).

## II. Euro-Referenzkurse der Europäischen Zentralbank \*)

## noch: 3. Jahresendstände und -durchschnitte

1 EUR = ... WE

| noch: andere europäische und außereuropäische Länder |  |                                      |                     |  |                                  |  |  |  |   |  |
|--|--|--------------------------------------|---------------------|--|----------------------------------|--|--|--|---|--|
| Zeit   | Island<br>Isländische<br>Krone<br>ISK 1) | Israel<br>Neuer<br>Schekel<br>ILS 2) | Japan<br>Yen<br>JPY | Kanada<br>Kanadischer<br>Dollar<br>CAD | Korea,<br>Republik<br>Won<br>KRW | Malaysia<br>Malaysischer<br>Ringgit<br>MYR | Mexiko<br>Mexikanischer<br>Peso<br>MXN | Neuseeland<br>Neuseeland-<br>Dollar<br>NZD | Norwegen<br>Norwegische<br>Krone<br>NOK |  |
| <b>Stand am Jahresende</b>                           |  |                                      |                     |  |                                  |  |  |  |   |  |
| 2010   | –  | 4,7321                               | 108,65              | 1,3322                                 | 1 499,06                         | 4,0950                                     | 16,5475                                | 1,7200                                     | 7,8000                                  |  |
| 2011   | –  | 4,9453                               | 100,20              | 1,3215                                 | 1 498,69                         | 4,1055                                     | 18,0512                                | 1,6737                                     | 7,7540                                  |  |
| 2012   | –  | 4,9258                               | 113,61              | 1,3137                                 | 1 406,23                         | 4,0347                                     | 17,1845                                | 1,6045                                     | 7,3483                                  |  |
| 2013   | –  | 4,7880                               | 144,72              | 1,4671                                 | 1 450,93                         | 4,5221                                     | 18,0731                                | 1,6762                                     | 8,3630                                  |  |
| 2014   | –  | 4,7200                               | 145,23              | 1,4063                                 | 1 324,80                         | 4,2473                                     | 17,8679                                | 1,5525                                     | 9,0420                                  |  |
| 2015   | –  | 4,2481                               | 131,07              | 1,5116                                 | 1 280,78                         | 4,6959                                     | 18,9145                                | 1,5923                                     | 9,6030                                  |  |
| 2016   | –  | 4,0477                               | 123,40              | 1,4188                                 | 1 269,36                         | 4,7287                                     | 21,7719                                | 1,5158                                     | 9,0863                                  |  |
| 2017   | –  | 4,1635                               | 135,01              | 1,5039                                 | 1 279,61                         | 4,8536                                     | 23,6612                                | 1,6850                                     | 9,8403                                  |  |
| 2018   | 133,20                                   | 4,2972                               | 125,85              | 1,5605                                 | 1 277,93                         | 4,7317                                     | 22,4921                                | 1,7056                                     | 9,9483                                  |  |
| 2019   | 135,80                                   | 3,8845                               | 121,94              | 1,4598                                 | 1 296,28                         | 4,5953                                     | 21,2202                                | 1,6653                                     | 9,8638                                  |  |
| 2020   | 156,10                                   | 3,9447                               | 126,49              | 1,5633                                 | 1 336,00                         | 4,9340                                     | 24,4160                                | 1,6984                                     | 10,4703                                 |  |
| 2021   | 147,60                                   | 3,5159                               | 130,38              | 1,4393                                 | 1 346,38                         | 4,7184                                     | 23,1438                                | 1,6579                                     | 9,9888                                  |  |
| 2022   | 151,50                                   | 3,7554                               | 140,66              | 1,4440                                 | 1 344,09                         | 4,6984                                     | 20,8560                                | 1,6798                                     | 10,5138                                 |  |
| 2023   | 150,50                                   | 3,9993                               | 156,33              | 1,4642                                 | 1 433,66                         | 5,0775                                     | 18,7231                                | 1,7504                                     | 11,2405                                 |  |
| <b>Durchschnitt im Jahr +)</b>                       |  |                                      |                     |  |                                  |  |  |  |   |  |
| 2010   | –  | 4,9457                               | 116,24              | 1,3651                                 | 1 531,82                         | 4,2668                                     | 16,7373                                | 1,8377                                     | 8,0043                                  |  |
| 2011   | –  | 4,9775                               | 110,96              | 1,3761                                 | 1 541,23                         | 4,2558                                     | 17,2877                                | 1,7600                                     | 7,7934                                  |  |
| 2012   | –  | 4,9536                               | 102,49              | 1,2842                                 | 1 447,69                         | 3,9672                                     | 16,9029                                | 1,5867                                     | 7,4751                                  |  |
| 2013   | –  | 4,7948                               | 129,66              | 1,3684                                 | 1 453,91                         | 4,1855                                     | 16,9641                                | 1,6206                                     | 7,8067                                  |  |
| 2014   | –  | 4,7449                               | 140,31              | 1,4661                                 | 1 398,14                         | 4,3446                                     | 17,6550                                | 1,5995                                     | 8,3544                                  |  |
| 2015   | –  | 4,3122                               | 134,31              | 1,4186                                 | 1 256,54                         | 4,3373                                     | 17,6157                                | 1,5930                                     | 8,9496                                  |  |
| 2016   | –  | 4,2489                               | 120,20              | 1,4659                                 | 1 284,18                         | 4,5835                                     | 20,6673                                | 1,5886                                     | 9,2906                                  |  |
| 2017   | –  | 4,0622                               | 126,71              | 1,4647                                 | 1 276,74                         | 4,8527                                     | 21,3286                                | 1,5897                                     | 9,3270                                  |  |
| 2018   | 127,89                                   | 4,2423                               | 130,40              | 1,5294                                 | 1 299,07                         | 4,7634                                     | 22,7054                                | 1,7065                                     | 9,5975                                  |  |
| 2019   | 137,28                                   | 3,9901                               | 122,01              | 1,4855                                 | 1 305,32                         | 4,6374                                     | 21,5565                                | 1,6998                                     | 9,8511                                  |  |
| 2020   | 154,59                                   | 3,9258                               | 121,85              | 1,5300                                 | 1 345,58                         | 4,7959                                     | 24,5194                                | 1,7561                                     | 10,7228                                 |  |
| 2021   | 150,15                                   | 3,8208                               | 129,88              | 1,4826                                 | 1 354,06                         | 4,9015                                     | 23,9852                                | 1,6724                                     | 10,1633                                 |  |
| 2022   | 142,24                                   | 3,5345                               | 138,03              | 1,3695                                 | 1 358,07                         | 4,6279                                     | 21,1869                                | 1,6582                                     | 10,1026                                 |  |
| 2023   | 149,13                                   | 3,9880                               | 151,99              | 1,4595                                 | 1 412,88                         | 4,9320                                     | 19,1830                                | 1,7622                                     | 11,4248                                 |  |

| noch: andere europäische und außereuropäische Länder |   |  |  |  |                          |                         |                                 |   |  |  |
|--|---|--|--|--|--------------------------|-------------------------|---------------------------------|---|--|--|
| Zeit   | Philippinen<br>Philippinischer<br>Peso<br>PHP | Russische<br>Föderation<br>Rubel<br>RUB 3) | Schweiz<br>Schweizer<br>Franken<br>CHF | Singapur<br>Singapur-<br>Dollar<br>SGD | Südafrika<br>Rand<br>ZAR | Thailand<br>Baht<br>THB | Türkei<br>Türkische Lira<br>TRY | Vereinigte<br>Staaten<br>US-Dollar<br>USD | Vereinigtes<br>Königreich<br>Pfund Sterling<br>GBP |  |
| <b>Stand am Jahresende</b>                           |   |  |  |  |                          |                         |                                 |   |  |  |
| 2010   | 58,300  | 40,8200                                    | 1,2504                                 | 1,7136                                 | 8,8625                   | 40,170                  | 2,0694                          | 1,3362                                    | 0,86075  |  |
| 2011   | 56,754  | 41,7650                                    | 1,2156                                 | 1,6819                                 | 10,4830                  | 40,991                  | 2,4432                          | 1,2939                                    | 0,83530  |  |
| 2012   | 54,107  | 40,3295                                    | 1,2072                                 | 1,6111                                 | 11,1727                  | 40,347                  | 2,3551                          | 1,3194                                    | 0,81610  |  |
| 2013   | 61,289  | 45,3246                                    | 1,2276                                 | 1,7414                                 | 14,5660                  | 45,178                  | 2,9605                          | 1,3791                                    | 0,83370  |  |
| 2014   | 54,436  | 72,3370                                    | 1,2024                                 | 1,6058                                 | 14,0353                  | 39,910                  | 2,8320                          | 1,2141                                    | 0,77890  |  |
| 2015   | 50,999  | 80,6736                                    | 1,0835                                 | 1,5417                                 | 16,9530                  | 39,248                  | 3,1765                          | 1,0887                                    | 0,73395  |  |
| 2016   | 52,268  | 64,3000                                    | 1,0739                                 | 1,5234                                 | 14,4570                  | 37,726                  | 3,7072                          | 1,0541                                    | 0,85618  |  |
| 2017   | 59,795  | 69,3920                                    | 1,1702                                 | 1,6024                                 | 14,8054                  | 39,121                  | 4,5464                          | 1,1993                                    | 0,88723  |  |
| 2018   | 60,113  | 79,7153                                    | 1,1269                                 | 1,5591                                 | 16,4594                  | 37,052                  | 6,0588                          | 1,1450                                    | 0,89453  |  |
| 2019   | 56,900  | 69,9563                                    | 1,0854                                 | 1,5111                                 | 15,7773                  | 33,415                  | 6,6843                          | 1,1234                                    | 0,85080  |  |
| 2020   | 59,125  | 91,4671                                    | 1,0802                                 | 1,6218                                 | 18,0219                  | 36,727                  | 9,1131                          | 1,2271                                    | 0,89903  |  |
| 2021   | 57,763  | 85,3004                                    | 1,0331                                 | 1,5279                                 | 18,0625                  | 37,653                  | 15,2335                         | 1,1326                                    | 0,84028  |  |
| 2022   | 59,320  | –  | 0,9847                                 | 1,4300                                 | 18,0986                  | 36,835                  | 19,9649                         | 1,0666                                    | 0,88693  |  |
| 2023   | 61,283  | –  | 0,9260                                 | 1,4591                                 | 20,3477                  | 37,973                  | 32,6531                         | 1,1050                                    | 0,86905  |  |
| <b>Durchschnitt im Jahr +)</b>                       |   |  |  |  |                          |                         |                                 |   |  |  |
| 2010   | 59,739  | 40,2629                                    | 1,3803                                 | 1,8055                                 | 9,6984                   | 42,014                  | 1,9965                          | 1,3257                                    | 0,85784  |  |
| 2011   | 60,260  | 40,8846                                    | 1,2326                                 | 1,7489                                 | 10,0970                  | 42,429                  | 2,3378                          | 1,3920                                    | 0,86788  |  |
| 2012   | 54,246  | 39,9262                                    | 1,2053                                 | 1,6055                                 | 10,5511                  | 39,928                  | 2,3135                          | 1,2848                                    | 0,81087  |  |
| 2013   | 56,428  | 42,3370                                    | 1,2311                                 | 1,6619                                 | 12,8330                  | 40,830                  | 2,5335                          | 1,3281                                    | 0,84926  |  |
| 2014   | 58,979  | 50,9518                                    | 1,2146                                 | 1,6823                                 | 14,4037                  | 43,147                  | 2,9065                          | 1,3285                                    | 0,80612  |  |
| 2015   | 50,522  | 68,0720                                    | 1,0679                                 | 1,5255                                 | 14,1723                  | 38,028                  | 3,0255                          | 1,1095                                    | 0,72584  |  |
| 2016   | 52,556  | 74,1446                                    | 1,0902                                 | 1,5275                                 | 16,2645                  | 39,043                  | 3,3433                          | 1,1069                                    | 0,81948  |  |
| 2017   | 56,973  | 65,9383                                    | 1,1117                                 | 1,5588                                 | 15,0490                  | 38,296                  | 4,1206                          | 1,1297                                    | 0,87667  |  |
| 2018   | 62,210  | 74,0416                                    | 1,1550                                 | 1,5926                                 | 15,6186                  | 38,164                  | 5,7077                          | 1,1810                                    | 0,88471  |  |
| 2019   | 57,985  | 72,4553                                    | 1,1124                                 | 1,5273                                 | 16,1757                  | 34,757                  | 6,3578                          | 1,1195                                    | 0,87777  |  |
| 2020   | 56,615  | 82,7248                                    | 1,0705                                 | 1,5742                                 | 18,7655                  | 35,708                  | 8,0547                          | 1,1422                                    | 0,88970  |  |
| 2021   | 58,299  | 87,1527                                    | 1,0811                                 | 1,5891                                 | 17,4766                  | 37,837                  | 10,5124                         | 1,1827                                    | 0,85960  |  |
| 2022   | 57,314  | –  | 1,0047                                 | 1,4512                                 | 17,2086                  | 36,856                  | 17,4088                         | 1,0530                                    | 0,85276  |  |
| 2023   | 60,163  | –  | 0,9718                                 | 1,4523                                 | 19,9551                  | 37,631                  | 25,7597                         | 1,0813                                    | 0,86979  |  |

\* Erläuterungen siehe S. 48. + Eigene Berechnungen der Durchschnitte auf Basis der täglichen Euro-Referenzkurse der EZB. 1 Die EZB stellte vom 4. Dezember 2008 bis zum 31. Januar 2018 keine Euro-Referenzkurse für isländische Kronen fest. 2 Bis Dezember

2010 Indikatorkurse der EZB. 3 Die EZB hat die Veröffentlichung des Euro-Referenzkurses zum Rubel mit Wirkung vom 2. März 2022 ausgesetzt.

## II. Euro-Referenzkurse der Europäischen Zentralbank<sup>1)</sup>

### 4. Wechselkurse wichtiger Währungen

1 EUR = ... WE, Monatsdurchschnitte<sup>1)</sup>, log. Maßstab



\* Erläuterungen siehe S. 48. 1 Eigene Berechnungen auf Basis der täglichen Euro-Referenzkurse der EZB.