

II. Euro foreign exchange reference rates of the European Central Bank *

2. Annual and monthly averages +

EUR 1 = CU ...

EU member countries									
	Bulgaria ¹	Czechia	Denmark	Hungary	Poland	Romania	Sweden		
Period	Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK		
2024	1.9558	25.120	7.4589	395.30	4.3058	4.9746	11.4325		
2025	1.9558	24.688	7.4634	397.77	4.2397	5.0424	11.0663		
2024 Mar.	1.9558	25.292	7.4566	395.09	4.3069	4.9708	11.3054		
Apr.	1.9558	25.278	7.4596	392.41	4.3026	4.9730	11.5910		
May	1.9558	24.819	7.4606	387.18	4.2796	4.9754	11.6186		
June	1.9558	24.779	7.4592	394.76	4.3209	4.9767	11.2851		
July	1.9558	25.299	7.4606	392.84	4.2817	4.9730	11.5324		
Aug.	1.9558	25.179	7.4614	394.70	4.2917	4.9766	11.4557		
Sep.	1.9558	25.099	7.4600	394.86	4.2761	4.9744	11.3577		
Oct.	1.9558	25.298	7.4593	401.90	4.3170	4.9750	11.4048		
Nov.	1.9558	25.301	7.4583	409.25	4.3317	4.9762	11.5828		
Dec.	1.9558	25.136	7.4589	411.99	4.2704	4.9749	11.5040		
2025 Jan.	1.9558	25.163	7.4609	411.73	4.2467	4.9752	11.4797		
Feb.	1.9558	25.077	7.4592	403.13	4.1722	4.9770	11.2474		
Mar.	1.9558	25.001	7.4597	399.81	4.1820	4.9768	10.9675		
Apr.	1.9558	25.039	7.4648	406.44	4.2652	4.9775	10.9744		
May	1.9558	24.923	7.4600	403.94	4.2538	5.0714	10.8812		
June	1.9558	24.804	7.4597	402.08	4.2658	5.0454	11.0094		
July	1.9558	24.625	7.4625	399.19	4.2541	5.0716	11.1985		
Aug.	1.9558	24.517	7.4638	396.45	4.2613	5.0651	11.1610		
Sep.	1.9558	24.347	7.4644	391.63	4.2589	5.0740	11.0004		
Oct.	1.9558	24.315	7.4680	389.91	4.2488	5.0872	10.9699		
Nov.	1.9558	24.234	7.4679	384.20	4.2376	5.0867	10.9915		
Dec.	1.9558	24.259	7.4696	384.97	4.2239	5.0913	10.8956		
2026 Jan.	–	24.278	7.4703	384.18	4.2127	5.0919	10.6815		
Feb.	–	24.260	7.4702	378.61	4.2184	5.0945	10.6351		
Mar.	–	24.438	7.4717	389.19	4.2715	5.0954	10.7614		
Apr.	–	24.381	7.4728	368.96	4.2502	5.0991	10.8348		

Other European and non-European countries							
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR
2024	1.6397	5.8283	1.4821	7.7875	8.4454	149.31	90.5563
2025	1.7518	6.3072	1.5787	8.1185	8.8104	144.66	98.5239
2024 Mar.	1.6586	5.4157	1.4726	7.8297	8.5049	149.04	90.2515
Apr.	1.6469	5.4975	1.4661	7.7658	8.4006	150.35	89.4676
May	1.6317	5.5529	1.4780	7.8206	8.4458	150.00	90.1573
June	1.6206	5.7884	1.4750	7.8051	8.4023	149.36	89.8106
July	1.6257	6.0053	1.4868	7.8750	8.4684	149.43	90.6557
Aug.	1.6559	6.1193	1.5049	7.8736	8.5849	151.84	92.4062
Sep.	1.6398	6.1528	1.5037	7.8611	8.6528	152.21	93.0808
Oct.	1.6250	6.1195	1.4993	7.7276	8.4726	149.07	91.6266
Nov.	1.6267	6.1729	1.4855	7.6617	8.2699	146.72	89.6717
Dec.	1.6529	6.3843	1.4915	7.6298	8.1459	145.24	89.0453
2025 Jan.	1.6626	6.2408	1.4904	7.5560	8.0605	145.40	89.3418
Feb.	1.6528	6.0053	1.4893	7.5749	8.1031	146.26	90.6346
Mar.	1.7158	6.2368	1.5518	7.8353	8.4000	145.26	93.4985
Apr.	1.7844	6.4759	1.5701	8.1850	8.7071	145.00	95.9723
May	1.7521	6.3953	1.5646	8.1348	8.8022	145.49	96.1427
June	1.7723	6.3913	1.5754	8.2700	9.0387	143.45	98.9782
July	1.7862	6.4611	1.5982	8.3754	9.1661	142.39	100.6043
Aug.	1.7920	6.3439	1.6057	8.3442	9.1035	143.10	101.8425
Sep.	1.7795	6.3013	1.6227	8.3586	9.1342	142.98	103.6023
Oct.	1.7781	6.2614	1.6280	8.2810	9.0426	142.22	102.8353
Nov.	1.7772	6.1728	1.6248	8.2149	8.9898	146.83	102.7101
Dec.	1.7634	6.3806	1.6168	8.2491	9.1114	148.19	105.4131
2026 Jan.	1.7304	6.2674	1.6173	8.1806	9.1523	146.32	106.6826
Feb.	1.6763	6.1529	1.6140	8.1682	9.2421	144.75	107.3203
Mar.	1.6470	6.0498	1.5848	7.9703	9.0461	144.04	107.3446
Apr.	1.6489	5.8830	1.6097	8.0005	9.1703	143.73	109.4829

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Accession to the euro area on 1 January 2026.

II. Euro foreign exchange reference rates of the European Central Bank *

2. Annual and monthly averages + (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway
Period	Indonesian rupiah IDR	New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK
2024	17,157.68	4.0067	163.85	1,475.40	4.9503	19.8314	1.7880	11.6290
2025	18,623.06	3.8927	169.04	1,605.45	4.8339	21.6705	1.9422	11.7173
2024 Mar.	17,063.66	3.9442	162.77	1,448.12	5.1272	18.2610	1.7869	11.5214
Apr.	17,258.77	4.0240	165.03	1,469.42	5.1139	18.0066	1.7992	11.6828
May	17,375.67	4.0062	168.54	1,474.96	5.0971	18.1549	1.7819	11.5988
June	17,595.94	4.0074	169.81	1,485.38	5.0680	19.6134	1.7539	11.4178
July	17,623.29	3.9902	171.17	1,499.62	5.0737	19.6397	1.7985	11.7160
Aug.	17,347.75	4.1079	161.06	1,488.61	4.8605	21.0823	1.8112	11.7895
Sep.	17,020.23	4.1452	159.08	1,478.72	4.7341	21.7625	1.7845	11.7852
Oct.	16,988.19	4.1020	163.20	1,484.59	4.6883	21.4603	1.7917	11.7907
Nov.	16,817.07	3.9523	163.23	1,482.25	4.7141	21.6152	1.7967	11.7408
Dec.	16,810.95	3.7896	161.08	1,506.85	4.6728	21.2338	1.8217	11.7447
2025 Jan.	16,832.40	3.7450	161.92	1,503.60	4.6232	21.2951	1.8393	11.7456
Feb.	17,020.42	3.7149	158.09	1,505.02	4.6261	21.3268	1.8337	11.6574
Mar.	17,800.79	3.9523	161.17	1,576.45	4.7927	21.8760	1.8879	11.5472
Apr.	18,871.74	4.1460	161.67	1,617.41	4.9510	22.5071	1.9256	11.8380
May	18,526.84	4.0189	163.14	1,566.14	4.8091	21.9250	1.8998	11.5968
June	18,776.57	4.0064	166.52	1,573.37	4.8848	21.9261	1.9114	11.5841
July	19,029.69	3.9148	171.53	1,608.95	4.9462	21.8347	1.9471	11.8537
Aug.	18,967.88	3.9507	171.79	1,617.15	4.9166	21.7728	1.9721	11.8653
Sep.	19,399.67	3.9235	173.55	1,634.39	4.9417	21.7063	1.9940	11.6702
Oct.	19,310.79	3.8204	176.15	1,655.92	4.9028	21.4305	2.0198	11.6633
Nov.	19,303.88	3.7629	179.32	1,687.64	4.8021	21.2957	2.0439	11.7402
Dec.	19,548.05	3.7648	182.50	1,717.44	4.7920	21.1787	2.0249	11.8428
2026 Jan.	19,757.02	3.6916	183.94	1,710.38	4.7262	20.7288	2.0090	11.6670
Feb.	19,896.39	3.6699	183.45	1,712.39	4.6261	20.3806	1.9683	11.3206
Mar.	19,561.24	3.5988	183.40	1,723.13	4.5687	20.5284	1.9762	11.1657
Apr.	20,083.87	3.5438	186.21	1,734.05	4.6484	20.4023	2.0000	11.0332

Other European and non-European countries (cont'd)								
	Philippines	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
Period	Philippine peso PHP	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD
2024	62.007	1.4458	19.8297	0.9526	38.181	35.5734	0.84662	1.0824
2025	64.977	1.4756	20.1789	0.9370	37.116	44.8161	0.85679	1.1300
2024 Mar.	60.736	1.4573	20.4955	0.9656	39.079	34.8229	0.85524	1.0872
Apr.	61.171	1.4554	20.2378	0.9761	39.454	34.6926	0.85658	1.0728
May	62.523	1.4606	19.9079	0.9830	39.607	34.8605	0.85564	1.0812
June	63.177	1.4547	19.8144	0.9616	39.492	35.0667	0.84643	1.0759
July	63.416	1.4602	19.7950	0.9676	39.324	35.6969	0.84332	1.0844
Aug.	62.710	1.4488	19.8651	0.9450	38.263	37.1098	0.85150	1.1012
Sep.	62.256	1.4396	19.5634	0.9414	37.012	37.8238	0.84021	1.1106
Oct.	62.655	1.4283	19.1609	0.9386	36.411	37.3473	0.83496	1.0904
Nov.	62.410	1.4206	19.0553	0.9355	36.596	36.6237	0.83379	1.0630
Dec.	61.203	1.4144	19.0606	0.9339	35.794	36.6588	0.82804	1.0479
2025 Jan.	60.479	1.4092	19.3821	0.9414	35.444	36.8091	0.83908	1.0354
Feb.	60.443	1.4022	19.2451	0.9413	35.189	37.6927	0.83071	1.0413
Mar.	62.013	1.4441	19.7403	0.9548	36.522	40.1683	0.83703	1.0807
Apr.	63.744	1.4852	21.1972	0.9370	37.883	42.7740	0.85379	1.1214
May	62.742	1.4589	20.4124	0.9356	37.143	43.7908	0.84350	1.1278
June	64.901	1.4782	20.5631	0.9380	37.564	45.4347	0.84981	1.1516
July	66.415	1.4960	20.7477	0.9325	37.883	46.9835	0.86469	1.1677
Aug.	66.452	1.4954	20.6230	0.9387	37.755	47.4983	0.86528	1.1631
Sep.	67.212	1.5075	20.4793	0.9350	37.549	48.4914	0.86895	1.1732
Oct.	67.884	1.5074	20.0976	0.9289	37.886	48.6799	0.87155	1.1630
Nov.	68.066	1.5058	19.9088	0.9290	37.436	48.8908	0.87997	1.1560
Dec.	68.941	1.5120	19.7180	0.9332	37.009	49.9695	0.87500	1.1709
2026 Jan.	69.479	1.5027	19.1152	0.9272	36.735	50.7458	0.86828	1.1738
Feb.	68.790	1.4979	18.9206	0.9140	36.960	51.6771	0.87032	1.1824
Mar.	68.874	1.4790	19.3533	0.9094	37.298	51.0938	0.86631	1.1558
Apr.	70.609	1.4933	19.3554	0.9213	37.784	52.4489	0.86933	1.1706

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