

Temperature Conversion Chart

°C	0 to 1000	°F	°C	1000 to 2000	°F	°C	2000 to 3000	°F
-17.8	0	32	538	1000	1832	1093	2000	3632
-12.2	10	50	543	1010	1850	1099	2010	3650
-6.7	20	68	549	1020	1868	1104	2020	3668
-1.11	30	86	554	1030	1886	1110	2030	3686
-4.44	40	104	560	1040	1904	1116	2040	3704
10.0	50	122	566	1050	1922	1121	2050	3722
15.6	60	140	571	1060	1940	1127	2060	3740
21.1	70	158	577	1070	1958	1132	2070	3758
26.7	80	176	582	1080	1976	1138	2080	3776
32.2	90	194	588	1090	1994	1143	2090	3794
37.8	100	212	593	1100	2012	1149	2100	3812
43	110	230	599	1110	2030	1154	2110	3830
49	120	248	604	1120	2048	1160	2120	3848
54	130	266	610	1130	2066	1166	2130	3866
60	140	284	616	1140	2084	1171	2140	3884
66	150	302	621	1150	2102	1177	2150	3902
71	160	320	627	1160	2120	1182	2160	3920
77	170	338	632	1170	2138	1188	2170	3938
82	180	356	638	1180	2156	1193	2180	3956
88	190	374	643	1190	2174	1199	2190	3974
93	200	392	649	1200	2192	1204	2200	3992
99	210	410	654	1210	2210	1210	2210	4010
104	220	428	660	1220	2228	1216	2220	4028
110	230	446	666	1230	2246	1221	2230	4046
116	240	464	671	1240	2264	1227	2240	4064
121	250	482	677	1250	2282	1232	2250	4082
127	260	500	682	1260	2300	1238	2260	4100
132	270	518	688	1270	2318	1243	2270	4118
138	280	536	693	1280	2336	1249	2280	4136
143	290	554	699	1290	2354	1254	2290	4154
149	300	572	704	1300	2372	1260	2300	4172
154	310	590	710	1310	2390	1266	2310	4190
160	320	608	716	1320	2408	1271	2320	4208
166	330	626	721	1330	2426	1277	2330	4226
171	340	644	727	1340	2444	1282	2340	4244
177	350	662	732	1350	2462	1288	2350	4262
182	360	680	738	1360	2480	1293	2360	4280
188	370	698	743	1370	2498	1299	2370	4298
193	380	716	749	1380	2516	1304	2380	4316
199	390	734	754	1390	2534	1310	2390	4334
204	400	752	760	1400	2552	1316	2400	4352
210	410	770	766	1410	2570	1321	2410	4370
216	420	788	771	1420	2588	1327	2420	4388
221	430	806	777	1430	2606	1332	2430	4406
227	440	824	782	1440	2624	1338	2440	4424
232	450	842	788	1450	2642	1343	2450	4442
238	460	860	793	1460	2660	1349	2460	4460
243	470	878	799	1470	2678	1354	2470	4478
249	480	896	804	1480	2696	1360	2480	4496
254	490	914	810	1490	2714	1366	2490	4514
260	500	932	816	1500	2732	1371	2500	4532
266	510	950	821	1510	2750	1377	2510	4550
271	520	968	827	1520	2768	1382	2520	4568
277	530	986	832	1530	2786	1388	2530	4586
282	540	1004	838	1540	2804	1393	2540	4604
288	550	1022	843	1550	2822	1399	2550	4622
293	560	1040	849	1560	2840	1404	2560	4640
299	570	1058	854	1570	2858	1410	2570	4658
304	580	1076	860	1580	2876	1416	2580	4676
310	590	1094	866	1590	2894	1421	2590	4694
316	600	1112	871	1600	2912	1427	2600	4712
321	610	1130	877	1610	2930	1432	2610	4730
327	620	1148	882	1620	2948	1438	2620	4748
332	630	1166	888	1630	2966	1443	2630	4766
338	640	1184	893	1640	2984	1449	2640	4784
343	650	1202	899	1650	3002	1454	2650	4802
349	660	1220	904	1660	3020	1460	2660	4820
354	670	1238	910	1670	3038	1466	2670	4838
360	680	1256	916	1680	3056	1471	2680	4856
366	690	1274	921	1690	3074	1477	2690	4874
371	700	1292	927	1700	3092	1482	2700	4892
377	710	1310	932	1710	3110	1488	2710	4910
382	720	1328	938	1720	3128	1493	2720	4928
388	730	1346	943	1730	3146	1499	2730	4946
393	740	1364	949	1740	3164	1504	2740	4964
399	750	1382	954	1750	3182	1510	2750	4982
404	760	1400	960	1760	3200	1516	2760	5000
410	770	1418	966	1770	3218	1521	2770	5018
416	780	1436	971	1780	3236	1527	2780	5036
421	790	1454	977	1790	3254	1532	2790	5054
427	800	1472	982	1800	3272	1538	2800	5072
432	810	1490	988	1810	3290	1543	2810	5090
438	820	1508	993	1820	3308	1549	2820	5108
443	830	1526	999	1830	3326	1554	2830	5126
449	840	1544	1004	1840	3344	1560	2840	5144
454	850	1562	1010	1850	3362	1566	2850	5162
460	860	1580	1016	1860	3380	1571	2860	5180
466	870	1598	1021	1870	3398	1577	2870	5198
471	880	1616	1027	1880	3416	1582	2880	5216
477	890	1634	1032	1890	3434	1588	2890	5234
482	900	1652	1038	1900	3452	1593	2900	5252
488	910	1670	1043	1910	3470	1599	2910	5270
493	920	1688	1049	1920	3488	1604	2920	5288
499	930	1706	1054	1930	3506	1610	2930	5306
504	940	1724	1060	1940	3524	1616	2940	5324
510	950	1742	1066	1950	3542	1621	2950	5342
516	960	1760	1071	1960	3560	1627	2960	5360
521	970	1778	1077	1970	3578	1632	2970	5378
527	980	1796	1082	1980	3596	1638	2980	5396
532	990	1814	1088	1990	3614	1643	2990	5414
538	1000	1832	1093	2000	3632	1649	3000	5432

°C	0 to 50	°F	°C	50 to 100	°F
-17.78	0	32.0	10.0	50.0	122.0
-17.22	1	33.8	10.6	51.1	123.8
-16.67	2	35.6	11.1	52.2	125.6
-16.11	3	37.4	11.7	53.3	127.4
-15.56	4	39.2	12.2	54.4	129.2
-15.00	5	41.0	12.8	55.5	131.0
-14.44	6	42.8	13.3	56.6	132.8
-13.89	7	44.6	13.9	57.7	134.6
-13.33	8	46.4	14.4	58.8	136.4
-12.78	9	48.2	15.0	59.9	138.2
-12.22	10	50.0	15.6	61.0	140.0
-11.67	11	51.8	16.1	62.1	141.8
-11.11	12	53.6	16.7	63.2	143.6
-10.56	13	55.4	17.2	64.3	145.4
-10.00	14	57.2	17.8	65.4	147.2
-9.44	15	59.0	18.3	66.5	149.0
-8.89	16	60.8	18.9	67.6	150.8
-8.33	17	62.6	19.4	68.7	152.6
-7.78	18	64.4	20.0	69.8	154.4
-7.22	19	66.2	20.6	70.9	156.2
-6.67	20	68.0	21.1	72.0	158.0
-6.11	21	69.8	21.7	73.1	159.8
-5.56	22	71.6	22.2	74.2	161.6
-5.00	23	73.4	22.8	75.3	163.4
-4.44	24	75.2	23.3	76.4	165.2
-3.89	25	77.0	23.9	77.5	167.0
-3.33	26	78.8	24.4	78.6	168.8
-2.78	27	80.6	25.0	79.7	170.6
-2.22	28	82.4	25.6	80.8	172.4
-1.67	29	84.2	26.1	81.9	174.2
-1.11	30	86.0	26.7	83.0	176.0
-0.56	31	87.8	27.2	84.1	177.8
0.00	32	89.6	27.8	85.2	179.6
0.56	33	91.4	28.3	86.3	181.4
1.11	34	93.2	28.9	87.4	183.2
1.67	35	95.0	29.4	88.5	185.0
2.22	36	96.8	30.0	89.6	186.8
2.78	37	98.6	30.6	90.7	188.6
3.33	38	100.4	31.1	91.8	190.4
3.89	39	102.2	31.7	92.9	192.2
4.44	40	104.0	32.2	94.0	194.0
5.00	41	105.8	32.8	95.1	195.8
5.56	42	107.6	33.3	96.2	197.6
-06.11	43	109.4	33.9	97.3	199.4
-06.67	44	111.2	34.4	98.4	201.2
-07.22	45	113.0	35.0	99.5	203.0
-07.78	46	114.8	35.6	100.6	204.8
-08.33	47	116.6	36.1	101.7	206.6
-08.89	48	118.4	36.7	102.8	208.4
9.44	49	120.2	37.2	103.9	210.2
10.00	50	122.0	37.8	105.0	212.0

Explanation of conversion tables

Bold face numbers in the center columns represent temperatures you want to change to either Fahrenheit or Celsius. Left-hand columns are the Celsius equivalent of Fahrenheit and the right-hand columns are the Fahrenheit equivalent of Celsius. Thus a temperature of 100°C is equal to 212°F, and 100°F is equal to 37.8°C.

Interpolation Factors

When bold face numbers are in increments of 10, the following interpolation factors may be applied for specific temperatures.

°C	No.	°F	°C	No.	°F
0.56	1	1.8	3.33	6	10.8
1.11	2	3.6	3.89	7	12.6
1.67	3	5.4	4.44	8	14.4
2.22	4	7.2	5.00	9	16.2
2.78	5	9.0	5.56	10	18.0

Conversion Formula