

Temperature conversions

The general arrangement of this table was devised by Sauveur and Boylston. The middle column of figures contains the reading (°F or °C) to be converted. Of converting from degrees Fahrenheit to degrees Centigrade, read the Centigrade equivalent in the column headed °C'. If converting from Centigrade to Fahrenheit, read the Fahrenheit equivalent in the column headed °F'. °C = 5/9 (°F - 32).

°F	°C	°F	°C	°F	°C	°F	°C				
32.0	0	-17.78	269.6	132	55.56	507.2	264	128.89	744.8	396	202.22
35.6	2	-16.67	273.2	134	56.67	510.8	266	130.00	748.4	398	203.33
39.2	4	-15.56	276.8	136	57.78	514.4	268	131.11	752.0	400	204.44
42.8	6	-14.44	280.4	138	58.89	518.0	270	132.22	755.6	402	205.56
46.4	8	-13.33	284.0	140	60.00	521.6	272	133.33	759.2	404	206.67
50.0	10	-12.22	287.6	142	61.11	525.2	274	134.44	762.8	406	207.78
53.6	12	-11.11	291.2	144	62.22	528.8	276	135.56	766.4	408	208.90
57.2	14	-10.00	294.8	146	63.33	532.4	278	136.67	770.0	410	210.00
60.8	16	-8.89	298.4	148	64.44	536.0	280	137.78	773.6	412	211.11
64.4	18	-7.78	302.0	150	65.56	539.6	282	138.89	777.2	414	212.22
68.0	20	-6.66	305.6	152	66.67	543.2	284	140.00	780.8	416	213.33
71.6	22	-5.56	309.2	154	67.78	546.8	286	141.11	784.4	418	214.44
75.2	24	-4.44	312.8	156	68.89	550.4	288	142.22	788.0	420	215.56
78.8	26	-3.33	316.4	158	70.00	554.0	290	143.33	791.6	422	216.67
82.4	28	-2.22	320.0	160	71.11	557.6	292	144.44	795.2	424	217.78
86.0	30	-1.10	323.6	162	72.22	561.2	294	145.56	798.8	426	218.89
89.6	32	0.00	327.2	164	73.33	564.8	296	146.67	802.4	428	220.00
93.2	34	1.11	330.8	166	74.44	568.4	298	147.78	806.0	430	221.11
96.8	36	2.22	334.4	168	75.56	572.0	300	148.89	809.6	432	222.22
100.4	38	3.33	338.0	170	76.67	575.6	302	150.00	813.2	434	223.33
104.0	40	4.44	341.6	172	77.78	579.2	304	151.11	816.8	436	224.44
107.6	42	5.55	345.2	174	78.89	582.8	306	152.22	820.4	438	225.56
111.2	44	6.66	348.8	176	80.00	586.4	308	153.33	824.0	440	226.67
114.8	46	7.78	352.4	178	81.11	590.0	310	154.44	827.6	442	227.78
118.4	48	8.89	356.0	180	82.22	593.6	312	155.56	831.2	444	228.89
122.0	50	10.00	359.6	182	83.33	597.2	314	156.67	834.8	446	230.00
125.6	52	11.11	363.2	184	84.44	600.8	316	157.78	838.4	448	231.11
129.2	54	12.12	366.8	186	85.56	604.4	318	158.89	842.0	450	232.22
132.8	56	13.33	370.4	188	86.67	608.0	320	160.00	845.6	452	233.33
136.4	58	14.44	374.0	190	87.78	611.6	322	161.11	849.2	454	234.44
140.0	60	15.55	377.6	192	88.89	615.2	324	162.22	852.8	456	235.56
143.6	62	16.67	381.2	194	90.00	618.8	326	163.33	856.4	458	236.67
147.2	64	17.78	384.8	196	91.11	622.4	328	164.44	860.0	460	237.78
150.8	66	18.89	388.4	198	92.22	626.0	330	165.56	863.6	462	238.89
154.4	68	20.00	392.0	200	93.33	629.6	332	166.67	867.2	464	240.00
158.0	70	21.11	395.6	202	94.44	633.2	334	167.78	870.8	466	241.11
161.6	72	22.22	399.2	204	95.56	636.8	336	168.89	874.4	468	242.22
165.2	74	23.33	402.8	206	96.67	640.4	338	170.00	878.0	470	243.33
168.8	76	24.44	406.4	208	97.78	644.0	340	171.11	881.6	472	244.44
172.4	78	25.56	410.0	210	98.89	647.6	342	172.22	885.2	474	245.56
176.0	80	26.67	413.6	212	100.00	651.2	344	173.33	888.8	476	246.67
179.6	82	27.78	417.2	214	101.11	654.8	346	174.44	892.4	478	247.78
183.2	84	28.89	420.8	216	102.22	658.4	348	175.56	896.0	480	248.89
186.8	86	30.00	424.4	218	103.33	662.0	350	176.67	899.6	482	250.00
190.4	88	31.11	428.0	220	104.44	665.6	352	177.78	903.2	484	251.11
194.0	90	32.22	431.6	222	105.56	669.2	354	178.89	906.8	486	252.22
197.6	92	33.33	435.2	224	106.67	672.8	356	180.00	910.4	488	253.33
201.2	94	34.44	438.8	226	107.78	676.4	358	181.11	914.0	490	254.44
204.8	96	35.56	442.4	228	108.89	680.0	360	182.22	917.6	492	255.56
208.4	98	36.67	446.0	230	110.00	683.6	362	183.33	921.2	494	256.67
212.0	100	37.78	449.6	232	111.11	687.2	364	184.44	924.8	496	257.78
215.6	102	38.89	453.2	234	112.22	690.8	366	185.56	928.4	498	258.89
219.2	104	40.00	456.8	236	113.33	694.4	368	186.67	932.0	500	260.00
222.8	106	41.11	460.4	238	114.44	698.0	370	187.78	935.6	502	261.11
226.4	108	42.22	464.0	240	115.56	701.6	372	188.89	939.2	504	262.22
230.0	110	43.33	467.6	242	116.67	705.2	374	190.00	942.8	506	263.33
233.6	112	44.44	471.2	244	117.78	708.8	376	191.11	946.4	508	264.44
237.2	114	45.56	474.8	246	118.89	712.4	378	192.22	950.0	510	265.56
240.8	116	46.67	478.4	248	120.00	716.0	380	193.33	953.6	512	266.67
244.4	118	47.78	482.0	250	121.11	719.6	382	194.44	957.2	514	267.78
248.0	120	48.89	485.6	252	122.22	723.2	384	195.56	960.8	516	268.89
251.6	122	50.00	489.2	254	123.33	726.8	386	196.67	964.4	518	270.00
255.2	124	51.11	492.8	256	124.44	730.4	388	197.78	968.0	520	271.11
258.8	126	52.22	496.4	258	125.56	734.0	390	198.89	971.6	522	272.22
262.4	128	53.33	500.0	260	126.67	737.6	392	200.00	975.2	524	273.33
266.0	130	54.44	503.6	262	127.78	741.2	394	201.11	978.8	526	274.44

Temperature conversions

°F	°C	°F	°C	°F	°C	°F	°C				
982.4	528	275.56	2102.0	1150	621.11	3380.0	1860	1015.6	4658.0	2570	1410.0
986.0	530	276.67	2120.0	1160	626.67	3398.0	1870	1021.1	4676.0	2580	1415.6
989.6	532	277.78	2138.0	1170	632.22	3416.0	1880	1026.7	4694.0	2590	1421.1
993.2	534	278.89	2156.0	1180	637.78	3434.0	1890	1032.2	4712.0	2600	1426.7
996.8	536	280.00	2174.0	1190	643.33	3452.0	1900	1037.8	4730.0	2610	1432.2
1000.4	538	281.11	2192.0	1200	648.89	3470.0	1910	1043.3	4748.0	2620	1437.8
1004.0	540	282.22	2210.0	1210	654.44	3488.0	1920	1048.9	4766.0	2630	1443.3
1007.6	542	283.33	2228.0	1220	660.00	3506.0	1930	1054.5	4784.0	2640	1448.9
1011.2	544	284.44	2246.0	1230	665.56	3524.0	1940	1060.0	4802.0	2650	1454.4
1014.8	546	285.56	2264.0	1240	671.11	3542.0	1950	1065.6	4820.0	2660	1460.0
1018.4	548	286.67	2282.0	1250	676.67	3560.0	1960	1071.1	4838.0	2670	1465.6
1022.0	550	287.78	2300.0	1260	682.22	3578.0	1970	1076.7	4856.0	2680	1471.1
1040.0	560	293.33	2318.0	1270	687.78	3596.0	1980	1082.2	4874.0	2690	1476.7
1058.0	570	298.89	2336.0	1280	693.33	3614.0	1990	1087.8	4892.0	2700	1482.2
1076.0	580	304.44	2354.0	1290	698.89	3632.0	2000	1093.3	4910.0	2710	1487.8
1094.0	590	310.00	2372.0	1300	704.44	3650.0	2010	1098.9	4928.0	2720	1493.3
1112.0	600	315.56	2390.0	1310	710.00	3668.0	2020	1104.4	4946.0	2730	1498.9
1130.0	610	321.11	2408.0	1320	715.56	3686.0	2030	1110.0	4964.0	2740	1504.5
1148.0	620	326.67	2426.0	1330	721.11	3704.0	2040	1115.6	4982.0	2750	1510.0
1166.0	630	332.22	2444.0	1340	726.67	3722.0	2050	1121.1	5000.0	2760	1515.6
1184.0	640	337.78	2462.0	1350	732.22	3740.0	2060	1126.7	5018.0	2770	1521.1
1202.0	650	343.33	2480.0	1360	737.78	3758.0	2070	1132.2	5036.0	2780	1526.7
1220.0	660	348.89	2498.0	1370	743.33	3776.0	2080	1137.8	5054.0	2790	1532.2
1238.0	670	354.44	2516.0	1380	748.89	3794.0	2090	1143.3	5072.0	2800	1537.8
1256.0	680	360.00	2534.0	1390	754.44	3812.0	2100	1148.9	5090.0	2810	1543.3
1274.0	690	365.56	2552.0	1400	760.00	3830.0	2110	1154.4	5108.0	2820	1548.9
1292.0	700	371.11	2570.0	1410	765.56	3848.0	2120	1160.0	5126.0	2830	1554.4
1310.0	710	376.67	2588.0	1420	771.11	3866.0	2130	1165.6	5144.0	2840	1560.0
1328.0	720	382.22	2606.0	1430	776.67	3884.0	2140	1171.1	5162.0	2850	1565.6
1346.0	730	387.78	2624.0	1440	782.22	3902.0	2150	1176.7	5180.0	2860	1571.1
1364.0	740	393.33	2642.0	1450	787.78	3920.0	2160	1182.2	5198.0	2870	1576.7
1382.0	750	398.89	2660.0	1460	793.33	3938.0	2170	1187.8	5216.0	2880	1582.2
1400.0	760	404.44	2678.0	1470	798.89	3956.0	2180	1193.3	5234.0	2890	1587.8
1418.0	770	410.00	2696.0	1480	804.44	3974.0	2190	1198.9	5252.0	2900	1593.3
1436.0	780	415.56	2714.0	1490	810.00	3992.0	2200	1204.4	5270.0	2910	1598.9
1454.0	790	421.11	2732.0	1500	815.56	4010.0	2210	1210.0	5288.0	2920	1604.4
1472.0	800	426.67	2750.0	1510	821.11	4028.0	2220	1215.6	5306.0	2930	1610.0
1490.0	810	432.22	2768.0	1520	826.67	4046.0	2230	1221.1	5324.0	2940	1615.6
1508.0	820	437.78	2786.0	1530	832.22	4064.0	2240	1226.7	5342.0	2950	1621.1
1526.0	830	443.33	2804.0	1540	837.78	4082.0	2250	1232.2	5360.0	2960	1626.7
1544.0	840	448.89	2822.0	1550	843.33	4100.0	2260	1237.8	5378.0	2970	1632.2
1562.0	850	454.44	2840.0	1560	848.89	4118.0	2270	1243.3	5396.0	2980	1637.8
1580.0	860	460.00	2858.0	1570	854.44	4136.0	2280	1248.9	5414.0	2990	1643.3
1598.0	870	465.56	2876.0	1580	860.00	4154.0	2290	1254.4	5432.0	3000	1648.9
1616.0	880	471.11	2894.0	1590	865.56	4172.0	2300	1260.0	5450.0	3010	1654.4
1634.0	890	476.67	2912.0	1600	871.11	4190.0	2310	1265.6	5468.0	3020	1660.0
1652.0	900	482.22	2930.0	1610	876.67	4208.0	2320	1271.1	5486.0	3030	1665.6
1670.0	910	487.78	2948.0	1620	882.22	4226.0	2330	1276.7	5504.0	3040	1671.1
1688.0	920	493.33	2966.0	1630	887.78	4244.0	2340	1282.2	5522.0	3050	1676.7
1706.0	930	498.89	2984.0	1640	893.33	4262.0	2350	1287.8	5540.0	3060	1682.2
1724.0	940	504.44	3002.0	1650	898.89	4280.0	2360	1293.3	5558.0	3070	1687.8
1742.0	950	510.00	3020.0	1660	904.44	4298.0	2370	1298.9	5576.0	3080	1693.3
1760.0	960	515.56	3038.0	1670	910.00	4316.0	2380	1304.4	5594.0	3090	1698.9
1778.0	970	521.11	3056.0	1680	915.56	4334.0	2390	1310.0	5612.0	3100	1704.4
1796.0	980	526.67	3074.0	1690	921.11	4352.0	2400	1315.6	5702.0	3150	1732.2
1814.0	990	532.22	3092.0	1700	926.67	4370.0	2410	1321.1	5792.0	3200	1760.0
1832.0	1000	537.78	3110.0	1710	932.22	4388.0	2420	1326.7	5882.0	3250	1787.7
1850.0	1010	543.33	3128.0	1720	937.78	4406.0	2430	1332.2	5972.0	3300	1815.5
1868.0	1020	548.89	3146.0	1730	943.33	4424.0	2440	1337.8	6062.0	3350	1843.3
1886.0	1030	554.44	3164.0	1740	948.89	4442.0	2450	1343.3	6152.0	3400	1871.1
1904.0	1040	560.00	3182.0	1750	954.44	4460.0	2460	1348.9	6242.0	3450	1898.8
1922.0	1050	565.56	3200.0	1760	960.00	4478.0	2470	1354.4	6332.0	3500	1926.6
1940.0	1060	571.11	3218.0	1770	965.56	4496.0	2480	1360.0	6422.0	3550	1954.4
1958.0	1070	576.67	3236.0	1780	971.11	4514.0	2490	1365.6	6512.0	3600	1982.2
1976.0	1080	582.22	3254.0	1790	976.67	4532.0	2500	1371.1	6602.0	3650	2010.0
1994.0	1090	587.78	3272.0	1800	982.22	4550.0	2510	1376.7			
2012.0	1100	593.33	3290.0	1810	987.78	4568.0	2520	1382.2			
2030.0	1110	598.89	3308.0	1820	993.33	4586.0	2530	1387.8			
2048.0	1120	604.44	3326.0	1830	998.89	4604.0	2540	1393.3			
2066.0	1130	610.00	3344.0	1840	1004.4	4622.0	2550	1398.9			
2084.0	1140	615.56	3362.0	1850	1010.0	4640.0	2560	1404.4			

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