

Temperature Conversion Chart

Enter the table in the center column of bold face type marked "Temp" with the temperature either Celsius or Fahrenheit that you wish to convert into the other scale. If converting from Fahrenheit to Celsius, the equivalent temperature will be found in the column to the left, and if converting from Celsius to Fahrenheit, the equivalent temperature will be found in the column to the right.

$$\text{Celsius} = 5/9(^{\circ}\text{F} - 32)$$

$$\text{Fahrenheit} = 9/5(^{\circ}\text{C}) + 32$$

$$\text{Kelvin} = ^{\circ}\text{C} + 273.15$$

$$\text{Rankine} = ^{\circ}\text{F} + 459.67$$

$^{\circ}\text{C}$	Temp	$^{\circ}\text{F}$	$^{\circ}\text{C}$	Temp	$^{\circ}\text{F}$	$^{\circ}\text{C}$	Temp	$^{\circ}\text{F}$	$^{\circ}\text{C}$	Temp	$^{\circ}\text{F}$	$^{\circ}\text{C}$	Temp	$^{\circ}\text{F}$	$^{\circ}\text{C}$	Temp	$^{\circ}\text{F}$
-17.8	0	32.0	4.4	40	104.0	26.7	80	176.0	148.9	300	572.0	371.1	700	1292.0	648.9	1200	2192.0
-17.2	1	33.8	5.0	41	105.8	27.2	81	177.8	154.4	310	590.0	376.7	710	1310.0	660.0	1220	2228.0
-16.7	2	35.6	5.6	42	107.6	27.8	82	179.6	160.0	320	608.0	382.2	720	1328.0	671.1	1240	2264.0
-16.1	3	37.4	6.1	43	109.4	28.3	83	181.4	165.6	330	626.0	387.8	730	1346.0	682.2	1260	2300.0
-15.6	4	39.2	6.7	44	111.2	28.9	84	183.2	171.1	340	644.0	393.3	740	1364.0	693.3	1280	2336.0
-15.0	5	41.0	7.2	45	113.0	29.4	85	185.0	176.7	350	662.0	398.9	750	1382.0	704.4	1300	2372.0
-14.4	6	42.8	7.8	46	114.8	30.0	86	186.8	182.2	360	680.0	404.4	760	1400.0	715.6	1320	2408.0
-13.9	7	44.6	8.3	47	116.6	30.6	87	188.6	187.8	370	698.0	410.0	770	1418.0	726.7	1340	2444.0
-13.3	8	46.4	8.9	48	118.4	31.1	88	190.4	193.3	380	716.0	415.6	780	1436.0	737.8	1360	2480.0
-12.8	9	48.2	9.4	49	120.2	31.7	89	192.2	198.9	390	734.0	421.1	790	1454.0	748.9	1380	2516.0
-12.2	10	50.0	10.0	50	122.0	32.2	90	194.0	204.4	400	752.0	426.7	800	1472.0	760.0	1400	2552.0
-11.7	11	51.8	10.6	51	123.8	32.8	91	195.8	210.0	410	770.0	432.2	810	1490.0	771.1	1420	2588.0
-11.1	12	53.6	11.1	52	125.6	33.3	92	197.6	215.6	420	788.0	437.8	820	1508.0	782.2	1440	2624.0
-10.6	13	55.4	11.7	53	127.4	33.9	93	199.4	221.1	430	806.0	443.3	830	1526.0	793.3	1460	2660.0
-10.0	14	57.2	12.2	54	129.2	34.4	94	201.2	226.7	440	824.0	448.9	840	1544.0	804.4	1480	2696.0
-9.4	15	59.0	12.8	55	131.0	35.0	95	203.0	232.2	450	842.0	454.4	850	1562.0	815.6	1500	2732.0
-8.9	16	60.8	13.3	56	132.8	35.6	96	204.8	237.8	460	860.0	460.0	860	1580.0	826.7	1520	2768.0
-8.3	17	62.6	13.9	57	134.6	36.1	97	206.6	243.3	470	878.0	465.6	870	1598.0	837.8	1540	2804.0
-7.8	18	64.4	14.4	58	136.4	36.7	98	208.4	248.9	480	896.0	471.1	880	1616.0	848.9	1560	2840.0
-7.2	19	66.2	15.0	59	138.2	37.2	99	210.2	254.4	490	914.0	476.7	890	1634.0	860.0	1580	2876.0
-6.7	20	68.0	15.6	60	140.0	37.8	100	212.0	260.0	500	932.0	482.2	900	1652.0	871.1	1600	2912.0
-6.1	21	69.8	16.1	61	141.8	43.3	110	230.0	265.6	510	950.0	487.8	910	1670.0	882.2	1620	2948.0
-5.6	22	71.6	16.7	62	143.6	48.9	120	248.0	271.1	520	968.0	493.3	920	1688.0	893.3	1640	2984.0
-5.0	23	73.4	17.2	63	145.4	54.4	130	266.0	276.7	530	986.0	498.9	930	1706.0	904.4	1660	3020.0
-4.4	24	75.2	17.8	64	147.2	60.0	140	284.0	282.2	540	1004.0	504.4	940	1724.0	915.6	1680	3056.0
-3.9	25	77.0	18.3	65	149.0	65.6	150	302.0	287.8	550	1022.0	510.0	950	1742.0	926.7	1700	3092.0
-3.3	26	78.8	18.9	66	150.8	71.1	160	320.0	293.3	560	1040.0	515.6	960	1760.0	937.8	1720	3128.0
-2.8	27	80.6	19.4	67	152.6	76.7	170	338.0	298.9	570	1058.0	521.1	970	1778.0	948.9	1740	3164.0
-2.2	28	82.4	20.0	68	154.4	82.2	180	356.0	304.4	580	1076.0	526.7	980	1796.0	960.0	1760	3200.0
-1.7	29	84.2	20.6	69	156.2	87.8	190	374.0	310.0	590	1094.0	532.2	990	1814.0	971.1	1780	3236.0
-1.1	30	86.0	21.1	70	158.0	93.3	200	392.0	315.6	600	1112.0	537.8	1000	1832.0	982.2	1800	3272.0
-0.6	31	87.8	21.7	71	159.8	98.9	210	410.0	321.1	610	1130.0	548.9	1020	1868.0	993.3	1820	3308.0
0.0	32	89.6	22.2	72	161.6	100.0	212	413.6	326.7	620	1148.0	560.0	1040	1904.0	1004.4	1840	3344.0
0.6	33	91.4	22.8	73	163.4	104.4	220	428.0	332.2	630	1166.0	571.1	1060	1940.0	1015.6	1860	3380.0
1.1	34	93.2	23.3	74	165.2	110.0	230	446.0	337.8	640	1184.0	582.2	1080	1976.0	1026.7	1880	3416.0
1.7	35	95.0	23.9	75	167.0	115.6	240	464.0	343.3	650	1202.0	593.3	1100	2012.0	1037.8	1900	3452.0
2.2	36	96.8	24.4	76	168.8	121.1	250	482.0	348.9	660	1220.0	604.4	1120	2048.0	1048.9	1920	3488.0
2.8	37	98.6	25.0	77	170.6	126.7	260	500.0	354.4	670	1238.0	615.6	1140	2084.0	1060.0	1940	3524.0
3.3	38	100.4	25.6	78	172.4	132.2	270	518.0	360.0	680	1256.0	626.7	1160	2120.0	1071.1	1960	3560.0
3.9	39	102.2	26.1	79	174.2	137.8	280	536.0	365.6	690	1274.0	637.8	1180	2156.0	1082.2	1980	3596.0
						143.3	290	554.0							1093.3	2000	3632.0



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