

## TEMPERATURE CONVERSIONS

°C	°F	°C	°F	°C	°F
10000	18032	430	806	200	392.0
9500	17132	420	788	195	383.0
9000	16232	410	770	190	374.0
8500	15332	400	752	185	365.0
8000	14432	395	743	180	356.0
7500	13532	390	734	175	347.0
7000	12632	385	725	170	338.0
6500	11732	380	716	165	329.0
6000	10832	375	707	160	320.0
5500	9932	370	698	155	311.0
5000	9032	365	689	150	302.0
4500	8132	360	680	145	293.0
4000	7232	355	671	140	284.0
3500	6332	350	662	135	275.0
3000	5432	345	653	130	266.0
2500	4532	340	644	125	257.0
2000	3632	335	635	120	248.0
1500	2732	330	626	115	239.0
1000	1832	325	617	110	230.0
950	1742	320	608	105	221.0
900	1652	315	599	100	212.0
850	1562	310	590	99	210.2
800	1472	305	581	98	208.4
750	1382	300	572	97	206.6
700	1292	295	563	96	204.8
650	1202	290	554	95	203.0
600	1112	285	545	94	201.2
590	1094	280	536	93	199.4
580	1076	275	527	92	197.6
570	1058	270	518	91	195.8
560	1040	265	509	90	194.0
550	1022	260	500	89	192.2
540	1004	255	491	88	190.4
530	986	250	482	87	188.6
520	968	245	473	86	186.8
510	950	240	464	85	185.0
500	932	235	455	84	183.2
490	914	230	446	83	181.4
480	896	225	437	82	179.6
470	878	220	428	81	177.8
460	860	215	419	80	176.0
450	842	210	410	79	174.2
440	824	205	401	78	172.4

°C = Degrees Celsius. 1 unit is 1/100 of the difference between the temperature of melting ice and boiling water at standard temperature and pressure.

°F = Degrees Fahrenheit. 1 unit is 1/180 of the difference between the temperature of melting ice and boiling water at standard temperature and pressure.

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°C	°F	°C	°F	°C	°F
77	170.6	34	93.2	-9	15.8
76	168.8	33	91.4	-10	14.0
75	167.0	32	89.6	-11	12.2
74	165.2	31	87.8	-12	10.4
73	163.4	30	86.0	-13	8.6
72	161.6	29	84.2	-14	6.8
71	159.8	28	82.4	-15	5.0
70	158.0	27	80.6	-16	3.2
69	156.2	26	78.8	-17	1.4
68	154.4	25	77.0	-18	-0.4
67	152.6	24	75.2	-19	-2.2
66	150.8	23	73.4	-20	-4.0
65	149.0	22	71.6	-21	-5.8
64	147.2	21	69.8	-22	-7.6
63	145.4	20	68.0	-23	-9.4
62	143.6	19	66.2	-24	-11.2
61	141.8	18	64.4	-25	-13.0
60	140.0	17	62.6	-26	-14.8
59	138.2	16	60.8	-27	-16.6
58	136.4	15	59.0	-28	-18.4
57	134.6	14	57.2	-29	-20.2
56	132.8	13	55.4	-30	-22.0
55	131.0	12	53.6	-31	-23.8
54	129.2	11	51.8	-32	-25.6
53	127.4	10	50.0	-33	-27.4
52	125.6	9	48.2	-34	-29.2
51	123.8	8	46.4	-35	-31.0
50	122.0	7	44.6	-36	-32.8
49	120.2	6	42.8	-37	-34.6
48	118.4	5	41.0	-38	-36.4
47	116.6	4	39.2	-39	-38.2
46	114.8	3	37.4	-40	-40.0
45	113.0	2	35.6	-50	-58.0
44	111.2	1	33.8	-60	-76.0
43	109.4	0	32.0	-70	-94.0
42	107.6	-1	30.2	-80	-112.0
41	105.8	-2	28.4	-90	-130.0
40	104.0	-3	26.6	-100	-148.0
39	102.2	-4	24.8	-125	-193.0
38	100.4	-5	23.0	-150	-238.0
37	98.6	-6	21.2	-200	-328.0
36	96.8	-7	19.4	-250	-418.0
35	95.0	-8	17.6	-273	-459.4

°C = 5/9 (°F-32)      °F = 9/5 °C+32  
 Absolute Zero = 0K = -273.16°C = -459.69°F

K = Kelvin (Absolute temperature). This scale is based on the average kinetic energy per molecule of a perfect gas and uses the same size unit as the Celsius scale, but the degree symbol (°) is not used. Zero (0K) on the scale is the temperature at which a perfect gas has lost all of its energy.