

Temperature Conversions

This table offers temperature conversions that range from the freezing point of water (32°F, 0°C) to its boiling point (212°F, 100°C). For conversions below or beyond that range, apply these formulas:

To convert Fahrenheit degrees to Centigrade:

Subtract 32, multiply by 5 and divide by 9

To convert Centigrade to Fahrenheit:

Multiply by 9, divide by 5, and add 32

A Fahrenheit degree is smaller than a Centigrade degree, one Fahrenheit degree being 5/9 of a Centigrade degree.

°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
32 -----	0	72 -----	22.2	103 -----	39.4	140 -----	60	180 -----	82.2
33.8 ----	1	73 -----	22.8	104 -----	40	141 -----	60.6	181 -----	82.8
35.6 ----	2	73.4 ----	23	105 -----	40.6	142 -----	61.1	182 -----	83.3
36.5 ----	2.5	74 -----	23.3	105.8 ----	41	143 -----	61.7	183 -----	83.9
37.4 ----	3	75 -----	23.9	106 -----	41.1	144 -----	62.2	183.2 ----	84
38 -----	3.3	75.2 ----	24	107 -----	41.7	145 -----	62.8	184 -----	84.4
39 -----	3.9	76 -----	24.4	107.6 ----	42	146 -----	63.3	185 -----	85
39.2 ----	4	77 -----	25	108 -----	42.2	147 -----	63.9	186 -----	85.6
40 -----	4.4	78 -----	25.6	109 -----	42.8	148 -----	64.4	186.8 ----	86
41 -----	5	79 -----	26.1	110 -----	43.3	149 -----	65	187 -----	86.1
42 -----	5.6	80 -----	26.7	111 -----	43.9	150 -----	65.6	188 -----	86.7
43 -----	6.1	80.6 ----	27	112 -----	44.4	151 -----	66.1	188.6 ----	87
44 -----	6.7	81 -----	27.2	113 -----	45	152 -----	66.7	189 -----	87.2
45 -----	7.2	82 -----	27.8	114 -----	45.6	152.6 ----	67	190 -----	87.8
46 -----	7.8	82.4 ----	28	115 -----	46.1	153 -----	67.2	190.4 ----	88
46.4 ----	8	83 -----	28.3	116 -----	46.7	154 -----	67.8	191 -----	88.3
47 -----	8.3	84 -----	28.9	117 -----	47.2	155 -----	68.3	192 -----	88.9
48 -----	8.9	85 -----	29.4	118 -----	47.8	156 -----	68.9	193 -----	89.4
48.2 ----	9	86 -----	30	118.4 ----	48	156.2 ----	69	194 -----	90
50 -----	10	87 -----	30.6	119 -----	48.3	157 -----	69.4	195 -----	90.6
51 -----	10.6	88 -----	31.1	120 -----	48.9	158 -----	70	195.8 ----	91
52 -----	11.1	89 -----	31.7	121 -----	49.4	159 -----	70.6	196 -----	91.1
53 -----	11.7	89.6 ----	32	122 -----	50	160 -----	71.1	197 -----	91.7
54 -----	12.2	90 -----	32.2	123 -----	50.6	161 -----	71.7	198 -----	92.2
55 -----	12.8	91 -----	32.8	124 -----	51.1	161.6 ----	72	199 -----	92.8
56 -----	13.3	91.4 ----	33	125 -----	51.7	162 -----	72.2	199.4 ----	93
57 -----	13.9	92 -----	33.3	125.6 ----	52	163 -----	72.8	200 -----	93.3
57.2 ----	14	93 -----	33.9	126 -----	52.2	164 -----	73.3	201 -----	93.9
58 -----	14.4	94 -----	34.4	127 -----	52.8	165 -----	73.9	202 -----	94.4
59 -----	15	95 -----	35	128 -----	53.3	166 -----	74.4	203 -----	95
60 -----	15.6	96 -----	35.6	129 -----	53.9	167 -----	75	204 -----	95.6
61 -----	16.1	96.8 ----	36	130 -----	54.4	168 -----	75.6	204.8 ----	96
62 -----	16.7	97 -----	36.1	131 -----	55	168.8 ----	76	205 -----	96.1
63 -----	17.2	97.3 ----	36.3	132 -----	55.6	169 -----	76.1	206 -----	96.7
64 -----	17.8	98 -----	36.7	133 -----	56.1	170 -----	76.7	207 -----	97.2
65 -----	18.3	98.6 ----	37	134 -----	56.7	171 -----	77.2	208 -----	97.8
66 -----	18.9	99 -----	37.2	134.6 ----	57	172 -----	77.8	208.4 ----	98
66.2 ----	19	99.5 ----	37.5	135 -----	57.2	173 -----	78.3	209 -----	98.3
67 -----	19.4	100 -----	37.8	136 -----	57.8	174 -----	78.9	210 -----	98.9
68 -----	20	100.4 ----	38	136.4 ----	58	175 -----	79.4	210.2 ----	99
69 -----	20.6	101 -----	38.3	137 -----	58.3	176 -----	80	211 -----	99.4
69.8 ----	21	101.8 ----	38.8	138 -----	58.9	177 -----	80.6	212 -----	100
70 -----	21.1	102 -----	38.9	138.2 ----	59	178 -----	81.1		
71 -----	21.7	102.2 ----	39	139 -----	59.4	179 -----	81.7		