

# CONVERSION CHARTS

## Temperature Conversion

### Degrees Centigrade (Celsius) vs. Degrees Fahrenheit

Conversion Formula: °F = 9/5 °C + 32°  
°C = 5/9 (°F - 32°)

°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F
-80	-112.0	-15	5.0	15	59.0	45	113.0	75	167.0	105	221.0	135	275.0	600	1,112
-70	-94.0	-14	6.8	16	60.8	46	114.8	76	168.8	106	222.8	136	276.8	700	1,292
-60	-76.0	-13	8.6	17	62.6	47	116.6	77	170.6	107	224.6	137	278.6	800	1,472
-50	-58.0	-12	10.4	18	64.4	48	118.4	78	172.4	108	226.4	138	280.4	900	1,652
-45	-49.0	-11	12.2	19	66.2	49	120.2	79	174.2	109	228.2	139	282.2	1,000	1,832
-40	-40.0	-10	14.0	20	68.0	50	122.0	80	176.0	110	230.0	140	284.0	1,000	2,012
-39	-38.2	-9	15.8	21	69.8	51	123.8	81	177.8	111	231.8	141	285.8	1,200	2,192
-38	-36.4	-8	17.6	22	71.6	52	125.6	82	179.6	112	233.6	142	287.6	1,300	2,372
-37	-34.6	-7	19.4	23	73.4	53	127.4	83	181.4	113	235.4	143	289.4	1,400	2,552
-36	-32.8	-6	21.2	24	75.2	54	129.2	84	183.2	114	237.2	144	291.2	1,500	2,732
-35	-31.0	-5	23.0	25	77.0	55	131.0	85	185.0	115	239.0	145	293.0	1,600	2,912
-34	-29.2	-4	24.8	26	78.8	56	132.8	86	186.8	116	240.8	146	294.8	1,700	3,092
-33	-27.4	-3	26.6	27	80.6	57	134.6	87	188.6	117	242.6	147	296.6	1,800	3,272
-32	-25.6	-2	28.4	28	82.4	58	136.4	88	190.4	118	244.4	148	298.4	1,900	3,452
-31	-23.8	-1	30.2	29	84.2	59	138.2	89	192.2	119	246.2	149	300.2	2,000	3,632
-30	-22.0	*0	*32.0	30	86.0	60	140.0	90	194.0	120	248.0	150	302.0		
-29	-20.2	1	33.8	31	87.8	61	141.8	91	195.8	121	249.8	160	320.0		
-28	-18.4	2	35.6	32	89.6	62	143.6	92	197.6	122	251.6	170	338.0		
-27	-16.6	3	37.4	33	91.4	63	145.4	93	199.4	123	253.4	180	356.0		
-26	-14.8	4	39.2	34	93.2	64	147.2	94	201.2	124	255.2	190	374.0		
-25	-13.0	5	41.0	35	95.0	65	149.0	95	203.0	125	257.0	200	392		
-24	-11.2	6	42.8	36	96.8	66	150.8	96	204.8	126	258.8	210	410		
-23	-9.4	7	44.6	37	98.6	67	152.6	97	206.6	127	260.6	220	428		
-22	-7.6	8	46.4	38	100.4	68	154.4	98	208.4	128	262.4	230	446		
-21	-5.8	9	48.2	39	102.2	69	156.2	99	210.2	129	264.2	240	464		
-20	-4.0	10	50.0	40	104.0	70	158.0	†100	†212.0	130	266.0	250	482		
-19	-2.2	11	51.8	41	105.8	71	159.8	101	213.8	131	267.8	300	572		
-18	-0.4	12	53.6	42	107.6	72	161.6	102	215.6	132	269.6	350	662		
-17	1.4	13	55.4	43	109.4	73	163.4	103	217.4	133	271.4	400	752		
-16	3.2	14	57.2	44	111.2	74	165.2	104	219.2	134	273.2	500	932		

\* Freezing

† Boiling



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