Temperature Conversion

Made in USA

Temperature Conversion Table

Locate temperature value for conversion in the light blue area.
Corresponding temperature in degrees Fahrenheit will be found in column to the right.
Corresponding temperature in degrees Celsius will be found in column to the left.
(For temperatures between values in chart use Interpolation Factors below)

°C		°F	°C		°F	°C		°F	°C		°F	°C		°F	°C		°F	°C		°F
-17.8	0	32.0	8.89	48	118.4	36.1	97	206.6	288	550	1022	560	1040	1904	832	1530	2786	1104	2020	3668
-17.2	1	33.8	9.44	49	120.2	36.7	98	208.4	293	560	1040	566	1050	1922	838	1540	2804	1110	2030	3865
-16.7	2	35.6	10.0	50	122.0	37.2	99	210.2	299	570	1058	571	1060	1940	843	1550	2822	1116	2040	3704
-16.1	3	37.4	10.6	51	123.8	38	100	212	304	580	1076	577	1070	1958	849	1560	2840	1121	2050	3722
-15.6	4	39.2	11.1	52	125.6	43	110	230	310	590	1094	582	1080	1976	854	1570	2858	1127	2060	3740
-15.0	5	41.0	11.7	53	127.4	49	120	248	316	600	1112	588	1090	1994	860	1580	2876	1132	2070	3758
-14.4	6	42.8	12.2	54	129.2	54	130	266	321	610	1130	593	1100	2012	866	1590	2894	1138	2080	3776
-13.9	7	44.6	12.8	55	131.0	60	140	284	327	620	1148	599	1110	2030	871	1600	2912	1143	2090	3794
-13.3	8	46.4	13.3	56	132.8	66	150	302	332	630	1166	604	1120	2048	877	1610	2930	1149	2100	3812
-12.8	9	48.2	13.9	57	134.6	71	160	320	338	640	1184	610	1130	2066	882	1620	2948	1154	2110	3830
-12.2	10	50.0	14.4	58	136.4	77	170	338	343	650	1202	616	1140	2084	888	1630	2966	1160	2120	3848
-11.7	11	51.8	15.0	59	138.2	82	180	356	349	660	1220	621	1150	2102	893	1640	2984	1168	2130	3866
-11.1	12	53.6	15.6	60	140.0	88	190	374	354	670	1238	627	1160	2120	899	1650	3002	1171	2140	3884
-10.6	13	55.4	16.1	61	141.8	93	200	392	360	680	1256	632	1170	2138	904	1660	3020	1177	2150	3902
-10.0	14	57.2	16.7	62	143.6	99	210	410	366	690	1274	638	1180	2156	910	1670	3038	1182	2160	3920
-9.44	15	59.0	17.2	63	145.4	100	212	413.6	371	700	1292	643	1190	2174	916	1680	3056	1188	2170	3938
-8.89	16	60.8	17.8	64	147.2	104	220	428	377	710	1310	649	1200	2192	921	1690	3074	1193	2180	3956
-8.33	17	62.6	18.3	65	149.0	110	230	446	382	720	1328	654	1210	2210	927	1700	3092	1199	2190	3974
-7.78	18	64.4	18.9	66	150.8	116	240	464	388	730	1346	660	1220	2228	932	1710	3110	1204	2200	3992
-7.22	19	66.2	19.4	67	152.6	121	250	482	393	740	1364	666	1230	2246	938	1720	3128	1210	2210	4010
-6.67	20	68.0	20.0	68	154.4	127	260	500	399	750	1382	671	1240	2264	943	1730	3146	1216	2220	4028
-6.11	21	69.8	20.6	69	156.2	132	270	518	404	760	1400	677	1250	2282	949	1740	3164	1221	2230	4046
-5.56	22	71.6	21.1	70	158.0	138	280	536	410	770	1418	682	1260	2300	954	1750	3182	1227	2240	4064
-5.00	23	73.4	21.7	71	159.8	143	290	554	416	780	1436	688	1270	2318	960	1760	3200	1232	2250	4082
-4.45	24	75.2	22.2	72	161.6	149	300	572	421	790	1454	693	1280	2336	966	1770	3218	1238	2260	4100
-3.89	25	77.0	22.8	73	163.4	154	310	590	427	800	1472	699	1290	2354	971	1780	3236	1243	2270	4118
-3.34	26	78.8	23.3	74	165.2	160	320	608	432	810	1490	704	1300	2372	977	1790	3254	1249	2280	4136
-2.78	27	80.6	23.9	75	167.0	166	330	626	438	820	1508	710	1310	2390	982	1800	3272	1254	2290	4154
-2.23	28	82.4	24.4	76	168.8	171	340	644	443	830	1526	716	1320	2408	988	1810	3290	1260	2300	4172
-1.67	29	84.2	25.0	77	170.6	177	350	662	449	840	1544	721	1330	2426	993	1820	3308	1266	2310	4190
-1.11	30	86.0	25.6	78	172.4	182	360	680	454	850	1562	727	1340	2444	999	1830	3326	1271	2320	4208
-0.56	31	87.8	26.1	79	174.2	188	370	698	460	860	1580	732	1350	2462	1004	1840	3344	1277	2330	4226
			26.7	80	176.0	193	380	716	466	870	1598	738	1360	2480	1010	1850	3362	1282	2340	4244
0.00	32	89.6	27.2	81	177.8	199	390	734	471	880	1616	743	1370	2498	1016	1860	3380	1288	2350	4262
0.56	33	91.4	27.8	82	179.6	204	400	752	477	890	1634	749	1380	2516	1021	1870	3398	1293	2360	4280
1.11	34	93.2	28.3	83	181.4	210	410	770	482	900	1652	754	1390	2534	1027	1880	3416	1299	2370	4298
1.67	35	95.0	28.9	84	183.2	216	420	788	488	910	1670	760	1400	2552	1032	1890	3434	1304	2380	4316
2.22	36	96.8	29.4	85	185.0	221	430	806	493	920	1688	766	1410	2570	1038	1900	3452	1310	2390	4334
2.78	37	98.6	30.0	86	186.8	227	440	824	499	930	1706	771	1420	2588	1043	1910	3470	1316	2400	4352
3.33	38	100.4	30.6	87	188.6	232	450	842	504	940	1724	777	1430	2606	1049	1920	3488	1321	2410	4370
3.89	39	102.2	31.1	88	190.4	238	460	860	510	950	1742	782	1440	2624	1054	1930	3506	1327	2420	4388
4.44	40	104.0	31.7	89	192.2	243	470	878	516	960	1760	788	1450	2642	1060	1940	3524	1332	2430	4406
5.00	41	105.8	32.2	90	194.0	249	480	896	521	970	1778	793	1460	2660	1066	1950	3542	1388	2440	4424
5.56	42	107.6	32.8	91	195.8	254	490	914	527	980	1796	799	1470	2678	1071	1960	3560	1343	2450	4442
6.11	43	109.4	33.3	92	197.6	260	500	932	532	990	1814	804	1480	2696	1077	1970	3578	1349	2460	4460
6.67	44	111.2	33.9	93	199.4	266	510	950	538	1000	1832	810	1490	2714	1082	1980	3596	1354	2470	4478
7.22	45	113.0	34.4	94	201.2	271	520	968	543	1010	1850	816	1500	2732	1088	1990	3614	1360	2480	4496
7.78	46	114.8	35.0	95	203.0	277	530	986	549	1020	1868	821	1510	2750	1093	2000	3632	1366	2490	4514
8.33	47	116.6	35.6	96	204.8	282	540	1004	554	1030	1886	827	1520	2768	1099	2010	3650	1371	2500	4532

Interpolation Factors

°C		°F	°C		°F
0.55	1	1.8	3.33	6	10.8
1.11	2	3.6	3.88	7	12.6
1.66	3	5.4	4.44	8	14.4
2.22	4	7.2	5.00	9	16.2
2.77	5	9.0	5.55	10	18.0

Useful Conversion Formulas

$°F = 9/5°C + 32$

$°C = 5/9\ (°F - 32)$

$K = °C + 273$

$°R = °F + 460$

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