

# Temperature Conversion Table



## Instructions:

- Read known temperature in center of column.
- Corresponding temperature in degrees Fahrenheit will be found in the column to the right.
- Corresponding temperature in degrees Centigrade will be found in the column to the left.

-5 to -100			0 to 100						100 to 1000		
C		F	C		F	C		F	C		F
-73.3	-100	-148	-17.8	0	32.0	10.0	50	122.0	38	100	212
-70.5	-95	-139	-17.2	1	33.8	10.6	51	123.8	43	110	230
-67.8	-90	-130	-16.7	2	35.6	11.1	52	125.6	49	120	248
-65.0	-85	-121	-16.1	3	37.4	11.7	53	127.4	54	130	266
-62.2	-80	-112	-15.6	4	39.2	12.2	54	129.2	60	140	284
-59.5	-75	-103	-15.0	5	41.0	12.8	55	131.0	66	150	302
-56.7	-70	-94	-14.4	6	42.8	13.3	56	132.8	71	160	320
-53.9	-65	-85	-13.9	7	44.6	13.9	57	134.6	77	170	338
-51.1	-60	-76	-13.3	8	46.4	14.4	58	136.4	82	180	356
-48.3	-55	-67	-12.8	9	48.2	15.0	59	138.2	88	190	374
-45.6	-50	-58	-12.2	10	50.0	15.6	60	140.0	93	200	392
-42.8	-45	-49	-11.7	11	51.8	16.1	61	141.8	99	210	410
-40.0	-40	-40	-11.1	12	53.6	16.7	62	143.6	100	212	413
-37.2	-35	-31	-10.6	13	55.4	17.2	63	145.4	104	220	428
-34.4	-30	-22	-10.0	14	57.2	17.8	64	147.2	110	230	446
-31.6	-25	-13	-9.44	15	59.0	18.3	65	149.0	116	240	464
-28.9	-20	-4	-8.89	16	60.8	18.9	66	150.8	121	250	482
-26.1	-15	5	-8.33	17	62.6	19.4	67	152.6	127	260	500
-23.3	-10	14	-7.78	18	64.4	20.0	68	154.4	132	270	518
-20.5	-5	23	-7.22	19	66.2	20.6	69	156.2	138	280	536
			-6.67	20	68.0	21.1	70	158.0	143	290	554
			-6.11	21	69.8	21.7	71	159.8	149	300	572
			-5.56	22	71.6	22.2	72	161.6	154	310	590
			-5.00	23	73.4	22.8	73	163.4	160	320	608
			-4.44	24	75.2	23.3	74	165.2	166	330	626
			-3.89	25	77.0	23.9	75	167.0	171	340	644
			-3.33	26	78.8	24.4	76	168.8	177	350	662
			-2.78	27	80.6	25.0	77	170.6	182	360	680
			-2.22	28	82.4	25.6	78	172.4	188	370	698
			-1.67	29	84.2	26.1	79	174.2	193	380	716
			-1.11	30	86.0	26.7	80	176.0	199	390	734
			-0.56	31	87.8	27.2	81	177.8	204	400	752
			0	32	89.6	27.8	82	179.6	210	410	770
			0.56	33	91.4	28.3	83	181.4	216	420	788
			1.11	34	93.2	28.9	84	183.2	221	430	806
			1.67	35	95.0	29.4	85	185.0	227	440	824
			2.22	36	96.8	30.0	86	186.8	232	450	842
			2.78	37	98.6	30.6	87	188.6	238	460	860
			3.33	38	100.4	31.1	88	190.4	243	470	878
			3.89	39	102.2	31.7	89	192.2	249	480	896
			4.44	40	104.0	32.2	90	194.0	254	490	914
			5.00	41	105.8	32.8	91	195.8	260	500	932
			5.56	42	107.6	33.3	92	197.6	273	525	977
			6.11	43	109.4	33.9	93	199.4	287	550	1022
			6.67	44	111.2	34.4	94	201.2	315	600	1112

-5 to -100			0 to 100						100 to 1000		
C		F	C		F	C		F	C		F
			7.22	45	113.0	35.0	95	203.0	343	650	1202
			7.78	46	114.8	35.6	96	204.8	371	700	1292
			8.33	47	116.6	36.1	97	206.6	398	750	1382
			8.89	48	118.4	36.7	98	208.4	426	800	1472
			9.44	49	120.2	37.2	99	210.2	454	850	1562
						37.8	100	212.0	482	900	1652
									537	1000	1832

Length	Area	Volume	Mass
Inch x 25.40 = Millimeters	Sq. Inch x 6.452 = Sq. Centimeter	Cu. Inch x 16.39 = Cu. Centimeter	Ounce x 28.35 = Gram
Millimeters x 0.03937 = Inches	Sq. Centimeter x 0.1550 = Sq. Inch	Cu. Centimeter x 0.06102 = Cu. Inch	Gram x 0.03527 = Ounce
Feet x 0.3048 = Meters	Sq. Foot x 0.0929 = Sq. Meter	Cu. Foot x 0.02832 = Cu. Meter	Pound x 0.4536 = Kilogram
Meters x 3.281 = Feet	Sq. Meter x 10.76 = Sq. Foot	Cu. Meter x 35.31 = Cu. Foot	Kilogram x 2.205 = Pound
Miles x 1.609 = Kilometers	Sq. Mile x 2.590 = Sq. Kilometer		Kilogram/km x 0.6214 = Pounds/kft
Kilometers x 0.6214 = Miles	Sq. Kilometer x 0.3861 = Sq. Mile		Pounds/kft x 1.4881 = Kilogram/km
Ohms/km x 0.3048 = Ohms/kft	Circular Mil x 0.7854 = Sq. Mil		

### Temperature Conversion Formulas

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

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