

Temperature Conversion Chart

How to Convert from °Fahrenheit to °Celsius, or °Celsius to °Fahrenheit

Find in the center-shaded column the "K" known temperature, either Fahrenheit or Celsius, from which you want to convert. Read the column to the left "C" to convert that number to equivalent Celsius $^{\circ}\text{C} = 5/9 (^{\circ}\text{K} - 32)$ or Read the column to the right "F" to convert that number to equivalent Fahrenheit $^{\circ}\text{F} = (9/5 \times ^{\circ}\text{K}) + 32$

°C	K	°F	°C	K	°F	°C	K	°F	°C	K	°F	°C	K	°F
-40.0	-40	-40.0	-15.0	5	41.0	10.0	50	122.0	35.0	95	203.0	60.0	140	284.0
-39.4	-39	-38.2	-14.4	6	42.8	10.6	51	123.8	35.6	96	204.8	60.6	141	285.8
-38.9	-38	-36.4	-13.9	7	44.6	11.1	52	125.6	36.1	97	206.6	61.1	142	287.6
-38.3	-37	-34.6	-13.3	8	46.4	11.7	53	127.4	36.7	98	208.4	61.7	143	289.4
-37.8	-36	-32.8	-12.8	9	48.2	12.2	54	129.2	37.2	99	210.2	62.2	144	291.2
-37.2	-35	-31.0	-12.2	10	50.0	12.8	55	131.0	37.8	100	212.0	62.8	145	293.0
-36.7	-34	-29.2	-11.7	11	51.8	13.3	56	132.8	38.3	101	213.8	63.3	146	294.8
-36.1	-33	-27.4	-11.1	12	53.6	13.9	57	134.6	38.9	102	215.6	63.9	147	296.6
-35.6	-32	-25.6	-10.6	13	55.4	14.4	58	136.4	39.4	103	217.4	64.4	148	298.4
-35.0	-31	-23.8	-10.0	14	57.2	15.0	59	138.2	40.0	104	219.2	65.0	149	300.2
-34.4	-30	-22.0	-9.4	15	59.0	15.6	60	140.0	40.6	105	221.0	65.6	150	302.0
-33.9	-29	-20.2	-8.9	16	60.8	16.1	61	141.8	41.1	106	222.8	66.1	151	303.8
-33.3	-28	-18.4	-8.3	17	62.6	16.7	62	143.6	41.7	107	224.6	66.7	152	305.6
-32.8	-27	-16.6	-7.8	18	64.4	17.2	63	145.4	42.2	108	226.4	67.2	153	307.4
-32.2	-26	-14.8	-7.2	19	66.2	17.8	64	147.2	42.8	109	228.2	67.8	154	309.2
-31.7	-25	-13.0	-6.7	20	68.0	18.3	65	149.0	43.3	110	230.0	68.3	155	311.0
-31.1	-24	-11.2	-6.1	21	69.8	18.9	66	150.8	43.9	111	231.8	68.9	156	312.8
-30.6	-23	-9.4	-5.6	22	71.6	19.4	67	152.6	44.4	112	233.6	69.4	157	314.6
-30.0	-22	-7.6	-5.0	23	73.4	20.0	68	154.4	45.0	113	235.4	70.0	158	316.4
-29.4	-21	-5.8	-4.4	24	75.2	20.6	69	156.2	45.6	114	237.2	70.6	159	318.2
-28.9	-20	-4.0	-3.9	25	77.0	21.1	70	158.0	46.1	115	239.0	71.1	160	320.0
-28.3	-19	-2.2	-3.3	26	78.8	21.7	71	159.8	46.7	116	240.8	71.7	161	321.8
-27.8	-18	-0.4	-2.8	27	80.6	22.2	72	161.6	47.2	117	242.6	72.2	162	323.6
-27.2	-17	1.4	-2.2	28	82.4	22.8	73	163.4	47.8	118	244.4	72.8	163	325.4
-26.7	-16	3.2	-1.7	29	84.2	23.3	74	165.2	48.3	119	246.2	73.3	164	327.2
-26.1	-15	5.0	-1.1	30	86.0	23.9	75	167.0	48.9	120	248.0	73.9	165	329.0
-25.6	-14	6.8	-0.6	31	87.8	24.4	76	168.8	49.4	121	249.8	74.4	166	330.8
-25.0	-13	8.6	0.0	32	89.6	25.0	77	170.6	50.0	122	251.6	75.0	167	332.6
-24.4	-12	10.4	0.6	33	91.4	25.6	78	172.4	50.6	123	253.4	75.6	168	334.4
-23.9	-11	12.2	1.1	34	93.2	26.1	79	174.2	51.1	124	255.2	76.1	169	336.2
-23.3	-10	14.0	1.7	35	95.0	26.7	80	176.0	51.7	125	257.0	76.7	170	338.0
-22.8	-9	15.8	2.2	36	96.8	27.2	81	177.8	52.2	126	258.8	77.2	171	339.8
-22.2	-8	17.6	2.8	37	98.6	27.8	82	179.6	52.8	127	260.6	77.8	172	341.6
-21.7	-7	19.4	3.3	38	100.4	28.3	83	181.4	53.3	128	262.4	78.3	173	343.4
-21.1	-6	21.2	3.9	39	102.2	28.9	84	183.2	53.9	129	264.2	78.9	174	345.2
-20.6	-5	23.0	4.4	40	104.0	29.4	85	185.0	54.4	130	266.0	79.4	175	347.0
-20.0	-4	24.8	5.0	41	105.8	30.0	86	186.8	55.0	131	267.8	80.0	176	348.8
-19.4	-3	26.6	5.6	42	107.6	30.6	87	188.6	55.6	132	269.6	80.6	177	350.6
-18.9	-2	28.4	6.1	43	109.4	31.1	88	190.4	56.1	133	271.4	81.1	178	352.4
-18.3	-1	30.2	6.7	44	111.2	31.7	89	192.2	56.7	134	273.2	81.7	179	354.2
-17.8	0	32.0	7.2	45	113.0	32.2	90	194.0	57.2	135	275.0	82.2	180	356.0
-17.2	1	33.8	7.8	46	114.8	32.8	91	195.8	57.8	136	276.8	82.8	181	357.8
-16.7	2	35.6	8.3	47	116.6	33.3	92	197.6	58.3	137	278.6	83.3	182	359.6
-16.1	3	37.4	8.9	48	118.4	33.9	93	199.4	58.9	138	280.4	83.9	183	361.4
-15.6	4	39.2	9.4	49	120.2	34.4	94	201.2	59.4	139	282.2	84.4	184	363.2