

TEMPERATURE CONVERSION CHART

The kelvin is a base unit in the International System of Units (SI). The Kelvin scale is an absolute, thermodynamic temperature scale whose zero point, absolute zero, is the temperature at which all random motion of atomic particles completely stops. A kelvin is defined as 1/273.16 of the temperature of the triple point of water (exactly 273.16 K, 0.01 °C or 32.018 °F). The triple point of water is the temperature and pressure where liquid water, solid ice and water vapor are all present and at equilibrium.

°C = Celsius aka Centigrade			°F = Fahrenheit			K = Kelvin											
°C	°F	K	°C	°F	K	°C	°F	K	°C	°F	K	°C	°F	K	°C	°F	K
-50	-58.0	223.15	-18	-0.4	255.15	14	57.2	287.15	46	114.8	319.15	79	174.2	352.15			
-49	-56.2	224.15	-17	1.4	256.15	15	59.0	288.15	48	118.4	321.15	80	176.0	353.15			
-48	-54.4	225.15	-16	3.2	257.15	16	60.8	289.15	49	120.2	322.15	81	177.8	354.15			
-47	-52.6	226.15	-15	5.0	258.15	17	62.6	290.15	50	122.0	323.15	82	179.6	355.15			
-46	-50.8	227.15	-14	6.8	259.15	18	64.4	291.15	51	123.8	324.15	83	181.4	356.15			
-45	-49.0	228.15	-13	8.6	260.15	19	66.2	292.15	52	125.6	325.15	84	183.2	357.15			
-44	-47.2	229.15	-12	10.4	261.15	20	68.0	293.15	53	127.4	326.15	85	185.0	358.15			
-43	-45.4	230.15	-11	12.2	262.15	21	69.8	294.15	54	129.2	327.15	86	186.8	359.15			
-42	-43.6	231.15	-10	14.0	263.15	22	71.6	295.15	55	131.0	328.15	87	188.6	360.15			
-41	-41.8	232.15	-9	15.8	264.15	23	73.4	296.15	56	132.8	329.15	88	190.4	361.15			
-40	-40.0	233.15	-8	17.6	265.15	24	75.2	297.15	57	134.6	330.15	89	192.2	362.15			
-39	-38.2	234.15	-7	19.4	266.15	25	77.0	298.15	58	136.4	331.15	90	194.0	363.15			
-38	-36.4	235.15	-6	21.2	267.15	26	78.8	299.15	59	138.2	332.15	91	195.8	364.15			
-37	-34.6	236.15	-5	23.0	268.15	27	80.6	300.15	60	140.0	333.15	92	197.6	365.15			
-36	-32.8	237.15	-4	24.8	269.15	28	82.4	301.15	61	141.8	334.15	93	199.4	366.15			
-35	-31.0	238.15	-3	26.6	270.15	29	84.2	302.15	62	143.6	335.15	94	201.2	367.15			
-34	-29.2	239.15	-2	28.4	271.15	30	86.0	303.15	63	145.4	336.15	95	203.0	368.15			
-33	-27.4	240.15	-1	30.2	272.15	31	87.8	304.15	64	147.2	337.15	96	204.8	369.15			
-32	-25.6	241.15	0	32.0	273.15	32	89.6	305.15	65	149.0	338.15	97	206.6	370.15			
-31	-23.8	242.15	1	33.8	274.15	33	91.4	306.15	66	150.8	339.15	98	208.4	371.15			
-30	-22.0	243.15	2	35.6	275.15	34	93.2	307.15	67	152.6	340.15	99	210.2	372.15			
-29	-20.2	244.15	3	37.4	276.15	35	95.0	308.15	68	154.4	341.15	100	212.0	373.15			
-28	-18.4	245.15	4	39.2	277.15	36	96.8	309.15	69	156.2	342.15	101	213.8	374.15			
-27	-16.6	246.15	5	41.0	278.15	37	98.6	310.15	70	158.0	343.15	102	215.6	375.15			
-26	-14.8	247.15	6	42.8	279.15	38	100.4	311.15	71	159.8	344.15	103	217.4	376.15			
-25	-13.0	248.15	7	44.6	280.15	39	102.2	312.15	72	161.6	345.15	104	219.2	377.15			
-24	-11.2	249.15	8	46.4	281.15	40	104.0	313.15	73	163.4	346.15	105	221.0	378.15			
-23	-9.4	250.15	9	48.2	282.15	41	105.8	314.15	74	165.2	347.15	106	222.8	379.15			
-22	-7.6	251.15	10	50.0	283.15	42	107.6	315.15	75	167.0	348.15	107	224.6	380.15			
-21	-5.8	252.15	11	51.8	284.15	43	109.4	316.15	76	168.8	349.15	108	226.4	381.15			
-20	-4.0	253.15	12	53.6	285.15	44	111.2	317.15	77	170.6	350.15	109	228.2	382.15			
-19	-2.2	254.15	13	55.4	286.15	45	113.0	318.15	78	172.4	351.15	110	230.0	383.15			



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