



# TEMPERATURE CONVERSION CHART

°C =  $\frac{1}{9}(\text{°F} - 32)$   
 Kelvin = °C + 273.15

°F =  $\frac{9}{5}(\text{°C} + 32)$   
 Rankine = °F + 459.67

**TABLE EXAMPLE:**  
 To Convert 1000°C to °F, look up 1000 and read left  
 To Convert 1000°F to °C, look up 1000 and read right

to °F	From	to °C	to °F	From	to °C	to °F	From	to °C	to °F	From	to °C	to °F	From	to °C
-	-458	-272.22	-	-308	-188.89	-252.4	-158	-105.56	+17.6	-8	-22.22	287.6	142	61.11
-	-456	-271.11	-	-306	-187.78	-248.2	-156	-104.44	+21.2	-6	-21.11	291.2	144	62.22
-	-454	-270.00	-	-304	-186.67	-245.2	-154	-103.33	+24.8	-4	-20.00	294.8	146	63.33
-	-452	-268.89	-	-302	-185.56	-241.6	-152	-102.22	+28.4	-2	-18.89	298.4	148	64.44
-	-450	-267.78	-	-300	-184.44	-238.0	-150	-101.11	+32.0	0	-17.78	302.0	150	65.56
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-448	-266.67	-	-298	-183.33	-234.4	-148	-100.00	+35.6	2	-16.67	305.6	152	66.67
-	-446	-265.56	-	-296	-182.22	-230.2	-146	-98.89	+39.2	4	-15.56	309.2	154	67.78
-	-444	-264.44	-	-294	-181.11	-227.2	-144	-97.78	+42.8	6	-14.44	312.8	156	68.89
-	-442	-263.33	-	-292	-180.00	-223.6	-142	-96.67	+46.4	8	-13.33	316.4	158	70.00
-	-440	-262.22	-	-290	-178.89	-220.0	-140	-95.56	+50.0	10	-12.22	320.0	160	71.11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-438	-261.11	-	-288	-177.78	-216.4	-138	-94.44	+53.6	12	-11.11	323.6	162	72.22
-	-436	-260.00	-	-286	-176.67	-212.8	-136	-93.33	+57.2	14	-10.00	327.2	164	73.33
-	-434	-258.89	-	-284	-175.56	-209.2	-134	-92.22	+60.8	16	-8.89	330.8	166	74.44
-	-432	-257.78	-	-282	-174.44	-205.6	-132	-91.11	+64.4	18	-7.78	334.4	168	75.56
-	-430	-256.67	-	-280	-173.33	-202.0	-130	-90.00	+68.0	20	-6.67	338.0	170	76.67
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-428	-255.56	-	-278	-172.22	-198.4	-128	-88.89	+71.6	22	-5.56	341.6	172	77.78
-	-426	-264.44	-	-276	-171.11	-194.2	-126	-87.78	+75.2	24	-4.44	345.2	174	78.89
-	-424	-253.33	-	-274	-170.00	-191.2	-124	-86.67	+78.8	26	-3.33	348.8	176	80.00
-	-422	-252.22	-457.6	-272	-168.89	-187.6	-122	-85.56	+82.4	28	-2.22	352.4	178	81.11
-	-420	-251.11	-454.0	-270	-167.78	-184.0	-120	-84.44	+86.0	30	-1.11	356.0	180	82.22
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-418	-250.00	-450.4	-268	-166.67	-180.4	-118	-83.33	+89.6	32	0.00	359.6	182	83.33
-	-416	-248.89	-446.8	-266	-165.56	-176.8	-116	-82.22	+93.2	34	1.11	363.2	184	84.44
-	-414	-247.78	-443.2	-264	-164.44	-173.2	-114	-81.11	+96.8	36	2.22	366.8	186	85.56
-	-412	-246.67	-439.6	-262	-163.33	-169.6	-112	-80.00	+100.4	38	3.33	370.4	188	86.67
-	-410	-245.56	-436.0	-260	-162.22	-166.0	-110	-78.89	+104.0	40	4.44	374.0	190	87.78
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-408	-244.44	-432.4	-258	-161.11	-162.4	-108	-77.78	107.6	42	5.56	377.6	192	88.89
-	-406	-243.33	-428.8	-256	-160.00	-158.8	-106	-76.67	111.2	44	6.67	381.2	194	90.00
-	-404	-242.22	-425.2	-254	-158.89	-155.2	-104	-75.56	114.8	46	7.78	384.8	196	91.11
-	-402	-241.11	-421.6	-252	-157.78	-151.6	-102	-74.44	118.4	48	8.89	388.4	198	92.22
-	-400	-240.00	-418.0	-250	-156.67	-148.0	-100	-73.33	122.0	50	10.00	392.0	200	93.33
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-398	-238.89	-414.4	-248	-155.56	-144.4	-98	-72.22	125.6	52	11.11	395.6	202	94.44
-	-396	-237.78	-410.8	-246	-154.44	-140.8	-96	-71.11	129.2	54	12.22	399.2	204	95.56
-	-394	-236.67	-407.2	-244	-153.33	-137.2	-94	-70.00	132.8	56	13.33	402.8	206	96.67
-	-392	-235.56	-403.6	-242	-152.22	-133.6	-92	-68.89	136.4	58	14.44	406.4	208	97.78
-	-390	-234.44	-400.0	-240	-151.11	-130.0	-90	-67.78	140.0	60	15.56	410.0	210	98.89
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-388	-233.33	-396.4	-238	-150.00	-126.4	-88	-66.67	143.6	62	16.67	413.6	212	100.00
-	-386	-232.22	-392.8	-236	-148.89	-122.8	-86	-65.56	147.2	64	17.78	417.2	214	101.11
-	-384	-231.11	-389.2	-234	-147.78	-119.2	-84	-64.44	150.8	66	18.89	420.8	216	102.22
-	-382	-230.00	-385.6	-232	-146.67	-115.6	-82	-63.33	154.4	68	20.00	424.4	218	103.33
-	-380	-228.89	-382.0	-230	-145.56	-112.0	-80	-62.22	158.0	70	21.11	428.0	220	104.44
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-378	-227.78	-378.4	-228	-144.44	-108.4	-78	-61.11	161.6	72	22.22	431.6	222	105.56
-	-376	-226.67	-374.8	-226	-143.33	-104.8	-76	-60.00	165.2	74	23.33	435.2	224	106.67
-	-374	-225.56	-371.2	-224	-142.22	-101.2	-74	-58.89	168.8	76	24.44	438.8	226	107.78
-	-372	-224.44	-367.6	-222	-141.11	-97.6	-72	-57.78	172.4	78	25.56	442.4	228	108.89
-	-370	-223.33	-364.0	-220	-140.00	-94.0	-70	-56.67	176.0	80	26.67	446.0	230	110.00
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-368	-222.22	-360.4	-218	-138.89	-90.4	-68	-55.56	179.6	82	27.78	449.6	232	111.11
-	-366	-221.11	-356.8	-216	-137.78	-86.8	-66	-54.44	183.2	84	28.89	453.2	234	112.22
-	-364	-220.00	-353.2	-214	-136.67	-83.2	-64	-53.33	186.8	86	30.00	456.8	236	113.33
-	-362	-218.89	-349.6	-212	-135.56	-79.6	-62	-52.22	190.4	88	31.11	460.4	238	114.44
-	-360	-217.78	-346.0	-210	-134.44	-76.0	-60	-51.11	194.0	90	32.22	464.0	240	115.56
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-358	-216.67	-342.4	-208	-133.33	-72.4	-58	-50.00	197.6	92	33.33	467.6	242	116.67
-	-356	-215.56	-338.8	-206	-132.22	-68.8	-56	-48.89	201.2	94	34.44	471.2	244	117.78
-	-354	-214.44	-335.2	-204	-131.11	-65.2	-54	-47.78	204.8	96	35.56	474.8	246	118.89
-	-352	-213.33	-331.6	-202	-130.00	-61.6	-52	-46.67	208.4	98	36.67	478.4	248	120.00
-	-350	-212.22	-328.0	-200	-128.89	-58.0	-50	-45.56	212.0	100	37.78	482.0	250	121.11
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-348	-211.11	-324.4	-198	-127.78	-54.4	-48	-44.44	215.6	102	38.89	485.6	252	122.22
-	-346	-210.00	-320.8	-196	-126.67	-50.8	-46	-43.33	219.2	104	40.00	489.2	254	123.33
-	-344	-208.89	-317.2	-194	-125.56	-47.2	-44	-42.22	222.8	106	41.11	492.8	256	124.44
-	-342	-207.78	-313.6	-192	-124.44	-43.6	-42	-41.11	226.4	108	42.22	496.4	258	125.56
-	-340	-206.67	-310.0	-190	-123.33	-40.0	-40	-40.00	230.0	110	43.33	500.0	260	126.67
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-338	-205.56	-306.4	-188	-122.22	-36.4	-38	-38.89	233.6	112	44.44	503.6	262	127.78
-	-336	-204.44	-302.8	-186	-121.11	-32.8	-36	-37.78	237.2	114	45.56	507.2	264	128.89
-	-334	-203.33	-299.2	-184	-120.00	-29.2	-34	-36.67	240.8	116	46.67	510.8	266	130.00
-	-332	-202.22	-295.6	-182	-118.89	-25.6	-32	-35.56	244.4	118	47.78	514.4	268	131.11
-	-330	-201.11	-292.0	-180	-117.78	-22.0	-30	-34.44	248.0	120	48.89	518.0	270	132.22
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-328	-200.00	-288.4	-178	-116.67	-18.4	-28	-33.33	251.6	122	50.00	521.6	272	133.33
-	-326	-198.89	-284.8	-176	-115.56	-14.8	-26	-32.22	255.2	124	51.11	525.2	274	134.44
-	-324	-197.78	-281.2	-174	-114.44	-11.2	-24	-31.11	258.8	126	52.22	528.8	276	135.56
-	-322	-196.67	-277.6	-172	-113.33	-7.6	-22	-30.00	262.4	128	53.33	532.4	278	136.67
-	-320	-195.56	-274.0	-170	-112.22	-4.0	-20	-28.89	266.0	130	54.44	536.0	280	137.78
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-318	-194.44	-270.4	-168	-111.11	-0.4	-18	-27.78	269.6	132	55.56	539.6	282	138.89
-	-316	-193.33	-266.8	-166	-110.00	+3.2	-16	-26.67	273.2	134	56.67	543.2	284	140.00
-	-314	-192.22	-263.2	-164	-108.89	+6.8	-14	-25.56	276.8	136	57.78	546.8	286	141.11
-	-312	-191.11	-259.6	-162	-107.78	+10.4	-12	-24.44	280.4	138	58.89	550.4	288	142.22
-	-310	-190.00	-256.0	-160	-106.67	+14.0	-10	-23.33	284.0	140	60.00	554.0	290	143.33