

Temperature Conversion Table - RT Table

Platinum Resistance (-200°C to 239°C)

Temperature Coefficient - 0.00385 Ohms/Ohm/°C

°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms
-200	18.49	-137	45.11	-74	70.73	-11	95.69	51	119.78	114	143.80	177	167.35
-199	18.93	-136	45.52	-73	71.13			52	120.16	115	144.17	178	167.72
-198	19.36	-135	45.94	-72	71.53	-10	96.09	53	120.55	116	144.55	179	168.09
-197	19.79	-134	46.35	-71	71.93	-9	96.48	54	120.93	117	144.93		
-196	20.22	-133	46.76			-8	96.87	55	121.32	118	145.31	180	168.46
-195	20.65	-132	47.18	-70	72.33	-7	97.26	56	121.70	119	145.68	181	168.83
-194	21.08	-131	47.59	-69	72.73	-6	97.65	57	122.09			182	169.20
-193	21.51			-68	73.13	-5	98.04	58	122.47	120	146.06	183	169.57
-192	21.94	-130	48.00	-67	73.53	-4	98.44	59	122.86	121	146.44	184	169.94
-191	22.37	-129	48.41	-66	73.93	-3	98.83			122	146.81	185	170.31
		-128	48.82	-65	74.33	-2	99.22	60	123.24	123	147.19	186	170.68
-190	22.80	-127	49.23	-64	74.73	-1	99.61	61	123.62	124	147.57	187	171.05
-189	23.23	-126	49.64	-63	75.13			62	124.01	125	147.94	188	171.42
-188	23.66	-125	50.06	-62	75.53	0	100.00	63	124.39	126	148.32	189	171.79
-187	24.09	-124	50.47	-61	75.93	1	100.39	64	124.77	127	148.70		
-186	24.52	-123	50.88			2	100.78	65	125.16	128	149.07	190	172.16
-185	24.94	-122	51.29	-60	76.33	3	101.17	66	125.54	129	149.45	191	172.53
-184	25.37	-121	51.70	-59	76.73	4	101.56	67	125.92			192	172.90
-183	25.80			-58	77.13	5	101.95	68	126.31	130	149.82	193	173.26
-182	26.23	-120	52.11	-57	77.52	6	102.34	69	126.69	131	150.20	194	173.63
-181	26.65	-119	52.52	-56	77.92	7	102.73			132	150.57	195	174.00
		-118	52.92	-55	78.32	8	103.12	70	127.07	133	150.95	196	174.37
-180	27.08	-117	53.33	-54	78.72	9	103.51	71	127.45	134	151.33	197	174.74
-179	27.50	-116	53.74	-53	79.11			72	127.84	135	151.70	198	175.10
-178	27.93	-115	54.15	-52	79.51	10	103.90	73	128.22	136	152.08	199	175.47
-177	28.35	-114	54.56	-51	79.91	11	104.29	74	128.60	137	152.45		
-176	28.78	-113	54.97			12	104.68	75	128.98	138	152.83	200	175.84
-175	29.20	-112	55.38	-50	80.31	13	105.07	76	129.37	139	153.20	201	176.21
-174	29.63	-111	55.78	-49	80.70	14	105.46	77	129.75			202	176.57
-173	30.05			-48	81.10	15	105.85	78	130.13	140	153.58	203	176.94
-172	30.47	-110	56.19	-47	81.50	16	106.24	79	130.51	141	153.95	204	177.31
-171	30.90	-109	56.60	-46	81.89	17	106.63			142	154.32	205	177.68
		-108	57.00	-45	82.29	18	107.02	80	130.89	143	154.70	206	178.04
-170	31.32	-107	57.41	-44	82.69	19	107.40	81	131.27	144	155.07	207	178.41
-169	31.74	-106	57.82	-43	83.08			82	131.66	145	155.45	208	178.78
-168	32.16	-105	58.22	-42	83.48	20	107.79	83	132.04	146	155.82	209	179.14
-167	32.59	-104	58.63	-41	83.88	21	108.18	84	132.42	147	156.19		
-166	33.01	-103	59.04			22	108.57	85	132.80	148	156.57	210	179.51
		-102	59.44	-40	84.27	23	108.96	86	133.18	149	156.94	211	179.88
-165	33.43	-101	59.85	-39	84.67	24	109.35	87	133.56			212	180.24
-164	33.85			-38	85.06	25	109.73	88	133.94	150	157.31	213	180.61
-163	34.27			-37	85.46	26	110.12	89	134.32	151	157.69	214	180.97
-162	34.69	-100	60.25	-36	85.85	27	110.51			152	158.06	215	181.34
-161	35.11	-99	60.66	-35	86.25	28	110.90	90	134.70	153	158.43	216	181.71
		-98	61.06	-34	86.64	29	111.28	91	135.08	154	158.81	217	182.07
-160	35.53	-97	61.47	-33	87.04			92	135.46	155	159.18	218	182.44
-159	35.95	-96	61.87	-32	87.43	30	111.67	93	135.84	156	159.55	219	182.80
-158	36.37	-95	62.28	-31	87.83	31	112.06	94	136.22	157	159.93		
-157	36.79	-94	62.68			32	112.45	95	136.60	158	160.30	220	183.17
-156	37.21	-93	63.09	-30	88.22	33	112.83	96	136.98	159	160.67	221	183.53
-155	37.63	-92	63.49	-29	88.62	34	113.22	97	137.36			222	183.90
-154	38.04	-91	63.90	-28	89.01	35	113.61	98	137.74	160	161.04	223	184.26
-153	38.46			-27	89.40	36	113.99	99	138.12	161	161.42	224	184.63
-152	38.88	90	64.30	-26	89.80	37	114.38			162	161.79	225	184.99
-151	39.30	-89	64.70	-25	90.19	38	114.77	100	138.50	163	162.16	226	185.36
		-88	65.11	-24	90.59	39	115.15	101	138.88	164	162.53	227	185.72
-150	39.71	-87	65.51	-23	90.98			102	139.26	165	162.90	228	186.09
-149	40.13	-86	65.91	-22	91.37	40	115.54	103	139.64	166	163.27	229	186.45
-148	40.55	-85	66.31	-21	91.77	41	115.93	104	140.02	167	163.65		
-147	40.96	-84	66.72			42	116.31	105	140.39	168	164.02	230	186.82
-146	41.38	-83	67.12	-20	92.16	43	116.70	106	140.77	169	164.39	231	187.18
-145	41.79	-82	67.52	-19	92.55	44	117.08	107	141.15			232	187.54
-144	42.21	-81	67.92	-18	92.95	45	117.47	108	141.53	170	164.76	233	187.91
-143	42.63			-17	93.34	46	117.85	109	141.91	171	165.13	234	188.27
-142	43.04	-80	68.33	-16	93.73	47	118.24			172	165.50	235	188.63
-141	43.45	-79	68.73	-15	94.12	48	118.62	110	142.29	173	165.87	236	189.00
		-78	69.13	-14	94.52	49	119.01	111	142.66	174	166.24	237	189.36
-140	43.87	-77	69.53	-13	94.91			112	143.04	175	166.61	238	189.72
-139	44.28	-76	69.93	-12	95.30	50	119.40	113	143.42	176	166.98	239	190.09

Temperature Conversion Table - RT Table

Platinum Resistance (240°C to 629°C)

Temperature Coefficient - 0.00385 Ohms/Ohm/°C

°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms	°C	Ohms
240.00	190.45	301.00	212.37	362.00	233.87	423.00	254.93	484.00	275.56	545.00	295.75	606.00	315.52
241.00	190.81	302.00	212.73	363.00	234.22	424.00	255.27	485.00	275.89	546.00	296.08	607.00	315.84
242.00	191.18	303.00	213.09	364.00	234.56	425.00	255.61	486.00	276.23	547.00	296.41	608.00	316.16
243.00	191.54	304.00	213.44	365.00	234.91	426.00	255.95	487.00	276.56	548.00	296.74	609.00	316.48
244.00	191.90	305.00	213.80	366.00	235.26	427.00	256.29	488.00	276.89	549.00	297.06		
245.00	192.26	306.00	214.15	367.00	235.61	428.00	256.63	489.00	277.23			610.00	316.80
246.00	192.63	307.00	214.51	368.00	235.96	429.00	256.98			550.00	297.39	611.00	317.12
247.00	192.99	308.00	214.86	369.00	236.31			490.00	277.56	551.00	297.72	612.00	317.44
248.00	193.35	309.00	215.22			430.00	257.32	491.00	277.90	552.00	298.04	613.00	317.76
249.00	193.71			370.00	236.65	431.00	257.66	492.00	278.23	553.00	298.37	614.00	318.08
		310.00	215.57	371.00	237.00	432.00	258.00	493.00	278.56	554.00	298.70	615.00	318.40
250.00	194.07	311.00	215.93	372.00	237.35	433.00	258.34	494.00	278.90	555.00	299.02	616.00	318.72
251.00	194.44	312.00	216.28	373.00	237.70	434.00	258.68	495.00	279.23	556.00	299.35	617.00	319.04
252.00	194.80	313.00	216.64	374.00	238.04	435.00	259.02	496.00	279.56	557.00	299.68	618.00	319.36
253.00	195.16	314.00	216.99	375.00	238.39	436.00	259.36	497.00	279.90	558.00	300.00	619.00	319.68
254.00	195.52	315.00	217.35	376.00	238.74	437.00	259.70	498.00	280.23	559.00	300.33		
255.00	195.88	316.00	217.70	377.00	239.09	438.00	260.04	499.00	280.56			620.00	319.99
256.00	196.24	317.00	218.05	378.00	239.43	439.00	260.38			560.00	300.65	621.00	320.31
257.00	196.60	318.00	218.41	379.00	239.78			500.00	280.90	561.00	300.98	622.00	320.63
258.00	196.96	319.00	218.76			440.00	260.72	501.00	281.23	562.00	301.31	623.00	320.95
259.00	197.33			380.00	240.13	441.00	261.06	502.00	281.56	563.00	301.63	624.00	321.27
		320.00	219.12	381.00	240.47	442.00	261.40	503.00	281.89	564.00	301.96	625.00	321.59
260.00	197.69	321.00	219.47	382.00	240.82	443.00	261.74	504.00	282.23	565.00	302.28	626.00	321.91
261.00	198.05	322.00	219.82	383.00	241.17	444.00	262.08	505.00	282.56	566.00	302.61	627.00	322.22
262.00	198.41	323.00	220.18	384.00	241.51	445.00	262.42	506.00	282.89	567.00	302.93	628.00	322.54
263.00	198.77	324.00	220.53	385.00	241.86	446.00	262.76	507.00	283.22	568.00	303.26	629.00	322.86
264.00	199.13	325.00	220.88	386.00	242.20	447.00	263.10	508.00	283.55	569.00	303.58		
265.00	199.49	326.00	221.24	387.00	242.55	448.00	263.43	509.00	283.89				
266.00	199.85	327.00	221.59	388.00	242.90	449.00	263.77			570.00	303.91		
267.00	200.21	328.00	221.94	389.00	243.24			510.00	284.22	571.00	304.23		
268.00	200.57	329.00	222.29			450.00	264.11	511.00	284.55	572.00	304.56		
269.00	200.93			390.00	243.59	451.00	264.45	512.00	284.88	573.00	304.88		
		330.00	222.65	391.00	243.93	452.00	264.79	513.00	285.21	574.00	305.20		
270.00	201.29	331.00	223.00	392.00	244.28	453.00	265.13	514.00	285.54	575.00	305.53		
271.00	201.65	332.00	223.35	393.00	244.62	454.00	265.46	515.00	285.87	576.00	305.85		
272.00	202.01	333.00	223.70	394.00	244.97	455.00	265.80	516.00	286.21	577.00	306.18		
273.00	202.36	334.00	224.06	395.00	245.31	456.00	266.14	517.00	286.54	578.00	306.50		
274.00	202.72	335.00	224.41	396.00	245.66	457.00	266.48	518.00	286.87	579.00	306.82		
275.00	203.08	336.00	224.76	397.00	246.00	458.00	266.82	519.00	287.20				
276.00	203.44	337.00	225.11	398.00	246.35	459.00	267.15			580.00	307.15		
277.00	203.80	338.00	225.46	399.00	246.69			520.00	287.53	581.00	307.47		
278.00	204.16	339.00	225.81			460.00	267.49	521.00	287.86	582.00	307.79		
279.00	204.52			400.00	247.04	461.00	267.83	522.00	288.19	583.00	308.12		
		340.00	226.17	401.00	247.38	462.00	268.17	523.00	288.52	584.00	308.44		
280.00	204.88	341.00	226.52	402.00	247.72	463.00	268.50	524.00	288.85	585.00	308.76		
281.00	205.23	342.00	226.87	403.00	248.07	464.00	268.84	525.00	289.18	586.00	309.09		
282.00	205.59	343.00	227.22	404.00	248.41	465.00	269.18	526.00	289.51	587.00	309.41		
283.00	205.95	344.00	227.57	405.00	248.76	466.00	269.51	527.00	289.84	588.00	309.73		
284.00	206.31	345.00	227.92	406.00	249.10	467.00	269.85	528.00	290.17	589.00	310.05		
285.00	206.67	346.00	228.27	407.00	249.45	468.00	270.19	529.00	290.50				
286.00	207.02	347.00	228.62	408.00	249.79	469.00	270.52			590.00	310.38		
287.00	207.38	348.00	228.97	409.00	250.13			530.00	290.83	591.00	310.70		
288.00	207.74	349.00	229.32			470.00	270.86	531.00	291.16	592.00	311.02		
289.00	208.10			410.00	250.48	471.00	271.20	532.00	291.49	593.00	311.34		
		350.00	229.67	411.00	250.82	472.00	271.53	533.00	291.81	594.00	311.66		
290.00	208.45	351.00	230.02	412.00	251.16	473.00	271.87	534.00	292.14	595.00	311.99		
291.00	208.81	352.00	230.37	413.00	251.50	474.00	272.20	535.00	292.47	596.00	312.31		
292.00	209.17	353.00	230.72	414.00	251.85	475.00	272.54	536.00	292.80	597.00	312.63		
293.00	209.52	354.00	231.07	415.00	252.19	476.00	272.88	537.00	293.13	598.00	312.95		
294.00	209.88	355.00	231.42	416.00	252.53	477.00	273.21	538.00	293.46	599.00	313.27		
295.00	210.24	356.00	231.77	417.00	252.87	478.00	273.55	539.00	293.79				
296.00	210.59	357.00	232.12	418.00	253.22	479.00	273.88			600.00	313.59		
297.00	210.95	358.00	232.47	419.00	253.56			540.00	294.11	601.00	313.91		
298.00	211.31	359.00	232.82			480.00	274.22	541.00	294.44	602.00	314.24		
299.00	211.66			420.00	253.90	481.00	274.55	542.00	294.77	603.00	314.56		
		360.00	233.17	421.00	254.24	482.00	274.89	543.00	295.10	604.00	314.88		
300.00	212.02	361.00	233.52	422.00	254.59	483.00	275.22	544.00	295.43	605.00	315.20		