

## Conversion tables

### Temperature Conversion Tables

Known temperature to be converted in center column.  
Centigrade conversion to left, Fahrenheit to right.

#### Example

-12.2    10    50

therefore

$$10^{\circ}\text{C} = 50^{\circ}\text{F}$$

$$10^{\circ}\text{F} = -12.2^{\circ}\text{C}$$

TEMPERATURE			TRANSMITTANCE-ABSORBANCE UNITS			
°C	Known	°F	% T	A.U.	% T	A.U.
-17.8	0	32	1	2.000	51	.292
-15	5	41	2	1.699	52	.284
-12.2	10	50	3	1.523	53	.276
-9.4	15	59	4	1.398	54	.268
-6.7	20	68	5	1.301	55	.260
-3.9	25	77	6	1.222	56	.252
-1.1	30	86	7	1.155	57	.241
4.4	40	104	8	1.097	58	.237
10.0	50	122	9	1.046	59	.299
15.6	60	140	10	1.000	60	.222
21.1	70	158	11	.959	61	.215
26.7	80	176	12	.921	62	.208
32.2	90	194	13	.886	63	.201
37.8	100	212	14	.854	64	.194
43.3	110	230	15	.824	65	.187
48.9	120	248	16	.796	66	.180
54.4	130	266	17	.770	67	.174
60.0	140	284	18	.745	68	.167
65.6	150	302	19	.721	69	.161
71.1	160	320	20	.699	70	.155
76.7	170	338	21	.678	71	.149
82.2	180	356	22	.658	72	.143
87.8	190	374	23	.638	73	.137
93.3	200	392	24	.620	74	.131
98.9	210	410	25	.602	75	.125
104.4	220	428	26	.585	76	.119
110.0	230	446	27	.569	77	.114
115.6	240	464	28	.533	78	.108
121	250	482	29	.538	79	.102
149	300	572	30	.523	80	.097
177	350	662	31	.509	81	.092
204	400	752	32	.495	82	.086
232	450	842	33	.482	83	.081
260	500	932	34	.469	84	.076
288	550	1022	35	.469	85	.071
316	600	1112	36	.444	86	.066
343	650	1202	37	.432	87	.060
371	700	1292	38	.420	88	.056
399	750	1382	39	.409	89	.051
427	800	1472	40	.398	90	.046
454	850	1562	41	.387	91	.041
482	900	1652	42	.377	92	.036
510	950	1742	43	.367	93	.032
538	1000	1832	44	.357	94	.027
586	1050	1922	45	.347	95	.022
593	1100	2012	46	.337	96	.018
621	1150	2102	47	.328	97	.013
649	1200	2192	48	.319	98	.009
677	1250	2282	49	.310	99	.004
704	1300	2372	50	.301	100	.000
732	1350	2462				
760	1400	2552				
788	1450	2642				
816	1500	2732				
843	1550	2822				
871	1600	2912				
899	1650	3002				
927	1700	3092				
954	1750	3182				
982	1800	3272				
1010	1850	3362				
1038	1900	3452				
1066	1950	3542				
1093	2000	3632				