

Celsius to Fahrenheit

Celsius (°C)	Fahrenheit (°F)	Description
-273.15 °C	-459.67 °F	absolute zero temperature
-50 °C	-58.0 °F	
-40 °C	-40.0 °F	
-30 °C	-22.0 °F	
-20 °C	-4.0 °F	
-10 °C	14.0 °F	
-9 °C	15.8 °F	
-8 °C	17.6 °F	
-7 °C	19.4 °F	
-6 °C	21.2 °F	
-4 °C	24.8 °F	
-3 °C	26.6 °F	
-2 °C	28.4 °F	
-1 °C	30.2 °F	
0 °C	32.0 °F	freezing/melting point of water
1 °C	33.8 °F	
2 °C	35.6 °F	
3 °C	37.4 °F	
4 °C	39.2 °F	
5 °C	41.0 °F	
6 °C	42.8 °F	
7 °C	44.6 °F	
8 °C	46.4 °F	

9 °C	48.2 °F	
10 °C	50.0 °F	
20 °C	68.0 °F	
21 °C	69.8 °F	room temperature
30 °C	86.0 °F	
37 °C	98.6 °F	average body temperature
40 °C	104.0 °F	
50 °C	122.0 °F	
60 °C	140.0 °F	
70 °C	158.0 °F	
80 °C	176.0 °F	
90 °C	194.0 °F	
100 °C	212.0 °F	boiling point of water
200 °C	392.0 °F	
300 °C	572.0 °F	
400 °C	752.0 °F	

$$T_{(^{\circ}\text{F})} = T_{(^{\circ}\text{C})} \times 9/5 + 32$$

or

$$T_{(^{\circ}\text{F})} = T_{(^{\circ}\text{C})} \times 1.8 + 32$$

Example: $27^{\circ}\text{C} \times 9/5 + 32 = 80.6^{\circ}\text{F}$