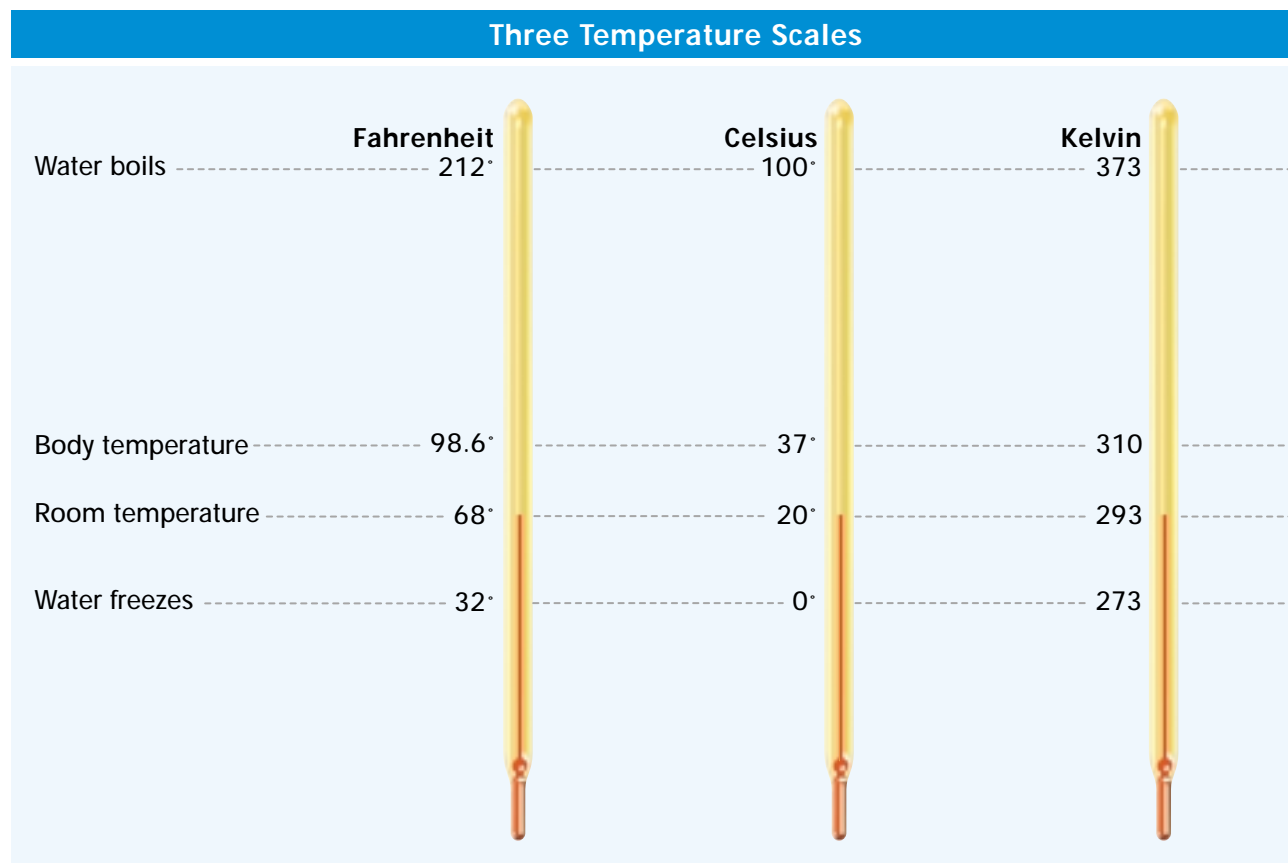


Temperature Scales

Temperature can be expressed using three different scales: Fahrenheit, Celsius, and Kelvin. The SI unit for temperature is the kelvin (K).

Although 0 K is much colder than 0°C, a change of 1 K is equal to a change of 1°C.



Temperature Conversions Table		
To convert	Use this equation:	Example
Celsius to Fahrenheit °C → °F	$^{\circ}\text{F} = \left(\frac{9}{5} \times ^{\circ}\text{C}\right) + 32$	Convert 45°C to °F. $^{\circ}\text{F} = \left(\frac{9}{5} \times 45^{\circ}\text{C}\right) + 32 = 113^{\circ}\text{F}$
Fahrenheit to Celsius °F → °C	$^{\circ}\text{C} = \frac{5}{9} \times (^{\circ}\text{F} - 32)$	Convert 68°F to °C. $^{\circ}\text{C} = \frac{5}{9} \times (68^{\circ}\text{F} - 32) = 20^{\circ}\text{C}$
Celsius to Kelvin °C → K	$\text{K} = ^{\circ}\text{C} + 273$	Convert 45°C to K. $\text{K} = 45^{\circ}\text{C} + 273 = 318 \text{ K}$
Kelvin to Celsius K → °C	$^{\circ}\text{C} = \text{K} - 273$	Convert 32 K to °C. $^{\circ}\text{C} = 32 \text{ K} - 273 = -241^{\circ}\text{C}$