

Temperature Conversions

	From Fahrenheit	To Fahrenheit
Celsius	$[^{\circ}\text{C}] = ([^{\circ}\text{F}] - 32) \times 5/9$	$[^{\circ}\text{F}] = [^{\circ}\text{C}] \times 9/5 + 32$
Kelvin	$[\text{K}] = ([^{\circ}\text{F}] + 459.67) \times 5/9$	$[^{\circ}\text{F}] = [\text{K}] \times 9/5 - 459.67$
Rankine	$[^{\circ}\text{R}] = [^{\circ}\text{F}] + 459.67$	$[^{\circ}\text{F}] = [^{\circ}\text{R}] - 459.67$
Delisle	$[^{\circ}\text{De}] = (212 - [^{\circ}\text{F}]) \times 5/6$	$[^{\circ}\text{F}] = 212 - [^{\circ}\text{De}] \times 6/5$
Newton	$[^{\circ}\text{N}] = ([^{\circ}\text{F}] - 32) \times 11/60$	$[^{\circ}\text{F}] = [^{\circ}\text{N}] \times 60/11 + 32$
Réaumur	$[^{\circ}\text{Ré}] = ([^{\circ}\text{F}] - 32) \times 4/9$	$[^{\circ}\text{F}] = [^{\circ}\text{Ré}] \times 9/4 + 32$
Rømer	$[^{\circ}\text{Rø}] = ([^{\circ}\text{F}] - 32) \times 7/24 + 7.5$	$[^{\circ}\text{F}] = ([^{\circ}\text{Rø}] - 7.5) \times 24/7 + 32$

	From Celsius (Centigrade)	To Celsius (Centigrade)
Fahrenheit	$[^{\circ}\text{F}] = [^{\circ}\text{C}] \times 9/5 + 32$	$[^{\circ}\text{C}] = ([^{\circ}\text{F}] - 32) \times 5/9$
Kelvin	$[\text{K}] = [^{\circ}\text{C}] + 273.15$	$[^{\circ}\text{C}] = [\text{K}] - 273.15$
Rankine	$[^{\circ}\text{R}] = ([^{\circ}\text{C}] + 273.15) \times 9/5$	$[^{\circ}\text{C}] = ([^{\circ}\text{R}] - 491.67) \times 5/9$
Delisle	$[^{\circ}\text{De}] = (100 - [^{\circ}\text{C}]) \times 3/2$	$[^{\circ}\text{C}] = 100 - [^{\circ}\text{De}] \times 2/3$
Newton	$[^{\circ}\text{N}] = [^{\circ}\text{C}] \times 33/100$	$[^{\circ}\text{C}] = [^{\circ}\text{N}] \times 100/33$
Réaumur	$[^{\circ}\text{Ré}] = [^{\circ}\text{C}] \times 4/5$	$[^{\circ}\text{C}] = [^{\circ}\text{Ré}] \times 5/4$
Rømer	$[^{\circ}\text{Rø}] = [^{\circ}\text{C}] \times 21/40 + 7.5$	$[^{\circ}\text{C}] = ([^{\circ}\text{Rø}] - 7.5) \times 40/21$

	From Kelvin	To Kelvin
Celsius	$[^{\circ}\text{C}] = [\text{K}] - 273.15$	$[\text{K}] = [^{\circ}\text{C}] + 273.15$
Fahrenheit	$[^{\circ}\text{F}] = [\text{K}] \times 9/5 - 459.67$	$[\text{K}] = ([^{\circ}\text{F}] + 459.67) \times 5/9$
Rankine	$[^{\circ}\text{R}] = [\text{K}] \times 9/5$	$[\text{K}] = [^{\circ}\text{R}] \times 5/9$
Delisle	$[^{\circ}\text{De}] = (373.15 - [\text{K}]) \times 3/2$	$[\text{K}] = 373.15 - [^{\circ}\text{De}] \times 2/3$
Newton	$[^{\circ}\text{N}] = ([\text{K}] - 273.15) \times 33/100$	$[\text{K}] = [^{\circ}\text{N}] \times 100/33 + 273.15$
Réaumur	$[^{\circ}\text{Ré}] = ([\text{K}] - 273.15) \times 4/5$	$[\text{K}] = [^{\circ}\text{Ré}] \times 5/4 + 273.15$
Rømer	$[^{\circ}\text{Rø}] = ([\text{K}] - 273.15) \times 21/40 + 7.5$	$[\text{K}] = ([^{\circ}\text{Rø}] - 7.5) \times 40/21 + 273.15$