

# Converting Temperatures (A)

A guide for converting between Celsius and Fahrenheit.

*Convert Celsius to Fahrenheit*

Multiply °C by 1.8; add 32.

$$F = C \times 1.8 + 32$$

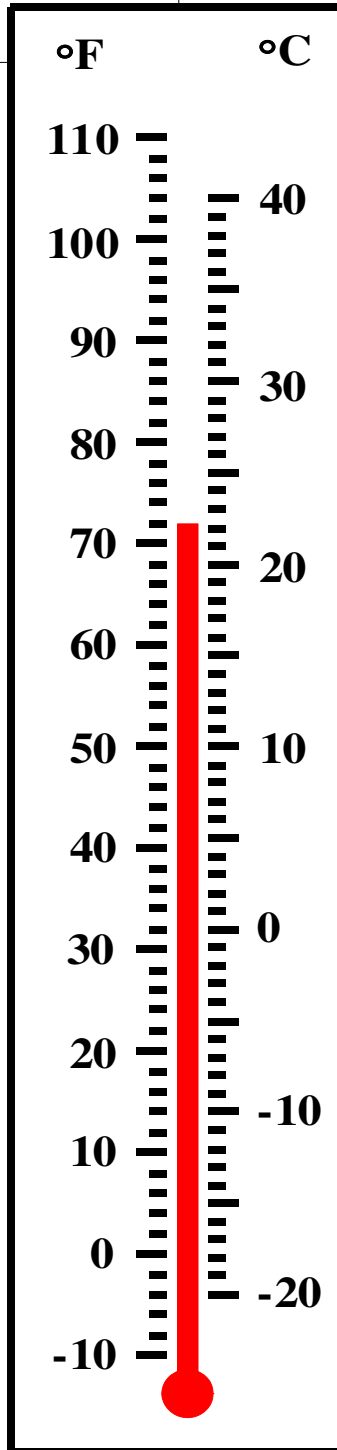
*Convert Fahrenheit to Celsius*

Subtract 32 from °F; divide by 1.8.

$$C = \frac{(F - 32)}{1.8}$$

## Whole Numbers

°C	°F
40	104
35	95
30	86
25	77
20	68
15	59
10	50
5	41
0	32
-5	23
-10	14
-15	5
-20	-4
-25	-13
-30	-22
-35	-31
-40	-40



Temperature of the Sun

5505 °C or 9941 °F

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Boiling Point of Water

100 °C or 212 °F

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Human Body Temperature

37 °C or 98.6 °F

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Room Temperature

20 °C or 68 °F

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Freezing Point of Water

0 °C or 32 °F

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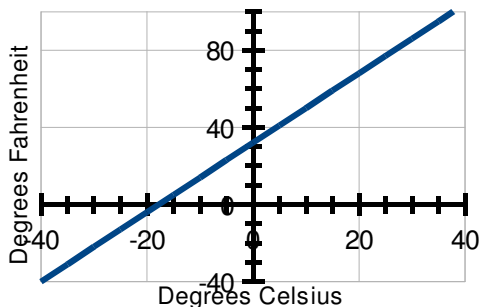
Same Value

-40 °C or -40 °F

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Absolute Zero

-273 °C or -459.4 °F



*Alternate Formulas*

$$F = C \times \frac{9}{5} + 32$$

$$C = (F - 32) \times \frac{5}{9}$$