

COMMON UNIT CONVERSIONS (C1)

<i>Unit</i>	<i>Unit Symbol</i>	<i>Quantity</i>	<i>Equation Expressed in Terms of SI Base Units</i>	<i>Equation Expressed in Terms of Other Units</i>
<i>Degree Celsius</i>	°C	Celsius Temperature	$x\text{ }^{\circ}\text{C} = x\text{ K,}$ where $-273.15\text{ }^{\circ}\text{C} \equiv 0\text{ K}$	$x\text{ }^{\circ}\text{C} \equiv (x - 32) \times \frac{5}{9}\text{ }^{\circ}\text{F}$
<i>Atomic Mass Unit</i>	u Da	Atomic Mass	$x\text{ u} \equiv 1.660\,539\,066\,60(50) \times 10^{-27}x\text{ kg}$	-
<i>Atmospheric Pressure</i>	atm	Atmospheric Pressure of Earth	$x\text{ atm} \equiv 101\,325x\text{ Pa}$	-
<i>Electronvolt (Mass)</i>	eV/c ²	Mass	$x\text{ eV}/c^2 \equiv 1.782\,661\,92 \times 10^{-36}x\text{ kg}$	$x\text{ eV}/c^2 \equiv 1.073\,544\,102\,33(32) \times 10^{-9}x\text{ u}$
<i>Electronvolt (Energy)</i>	eV	Energy	$x\text{ eV} \equiv 1.602\,176\,634 \times 10^{-19}x\text{ J}$	-
<i>Elementary Charge</i>	e	Charge	$x\text{ e} \equiv 1.602\,176\,634 \times 10^{-19}x\text{ C}$	-

Sources:

- Unit ^{[1] [2] [3]}
- Unit Symbol ^{[1] [2] [3]}
- Quantity ^{[1] [2] [3]}
- Equation Expressed in Terms of SI Base Units ^{[1] [2] [3]}
- Equation Expressed in Terms of Other Units ^{[1] [3]}