

Unit (name)	Unit (symbol)	Quantity (name)	Definition
metre	m	length	The distance travelled by light in vacuum in $\frac{1}{299792458}$ second.
kilogram	kg	mass	The mass of a small squat cylinder of ~47 cubic centimetres of platinum-iridium alloy kept in a laboratory in France
second	s	time	The duration of 9192631770 periods of the radiation corresponding to the transition between the two hyperfine levels of the ground state of the caesium-133 atom.
ampere	A	electric current	A unit of electric current equal to a flow of one coulomb per second.
kelvin	K	thermodynamic temperature	$\frac{1}{273.16}$ of the thermodynamic temperature of the triple point of water
mole	mol	amount of substance	The amount of substance of a system which contains as many elementary entities ^[n 4] as there are atoms in 0.012 kilogram of carbon-12.
candela	cd	luminous intensity	The magnitude of an electromagnetic field, in a specified direction, that has a power level of $\frac{1}{683}$ watt (1.46×10^{-3} W) per steradian at a frequency of 540 terahertz (540 THz or 5.40×10^{14} Hz).