

SI DEFINING PHYSICAL CONSTANTS (D7)

<i>Defining Constant</i>	<i>Symbol</i>	<i>Numerical Value</i>	<i>Unit</i>
<i>Unperturbed Ground State Hyperfine Transition Frequency of the Caesium 133 Atom</i>	$\Delta\nu_{\text{Cs}}$	9 192 631 770	Hz
<i>Speed of Light in Vacuum</i>	c	299 792 458	m s ⁻¹
<i>Planck Constant</i>	h	$6.626\,070\,15 \times 10^{-34}$	J s
<i>Elementary Charge</i>	e	$1.602\,176\,634 \times 10^{-19}$	C
<i>Boltzmann Constant</i>	k	$1.380\,649 \times 10^{-23}$	J K ⁻¹
<i>Avogadro Constant</i>	N_{A}	$6.022\,140\,76 \times 10^{23}$	mol ⁻¹
<i>Luminous Efficacy of Monochromatic Radiation of Frequency 540×10^{12} Hz</i>	K_{cd}	683	lm W ⁻¹

Sources:

- Defining Constant ^{[1] [2]}
- Symbol ^{[1] [2]}
- Numerical Value ^{[1] [2]}
- Unit ^{[1] [2]}