Fundamental Constants of Nature

h	6.626×10^{-34} J · s
	4.136×10^{-15} eV · s
$\hbar$	1.05×10^{-34} J · s
	6.58×10^{-16} eV · s
e	1.602×10^{-19} C
ε_0	8.85×10^{-12} $\mathrm{m}^{-3} \cdot \mathrm{kg}^{-1} \cdot \mathrm{s}^4 \cdot \mathrm{A}^2$
μ_0	$4\pi \times 10^{-7}$ H · m−1
c	3×10^8 m/s^2
G	6.672×10^{-11} N · m^2 · kg^{-2}
$\alpha = \frac{e^2}{4\pi\varepsilon_0\hbar c} \approx \frac{1}{137}$	
N_A	6.022×10^{23} mol^{-1}
k_B	1.38×10^{-23} J/K
m_e	9.11×10^{-31} kg
	.511 MeV
m_p *or* m_n	1.67×10^{-27} kg
	1.008 amu
	938 MeV
λ_C	2.426×10^{-12} m
Bohr Radius $\mathrm{a}_0 = \frac{4\pi\varepsilon_0\hbar}{\mu e}$	5.29×10^{-11} m
$R_\infty = \frac{\alpha^2 m_e c}{4\pi\hbar}$	1.09737×10^7 m^{-1}
R_H	1.09678×10^7 m^{-1}
$\mu_B = \frac{e\hbar}{2m}$	9.274×10^{-24} J · T^{-1}
$\lambda_{max}T$	2.898×10^{-3} m · K
$\sigma = \frac{2\pi^5 k_B^4}{15h^3c^2}$	5.67×10^{-8} W · m^{-2} · k^{-4}