

Neutron

Quantity	Symbol	Value	Units	Rel.Uncertainty (ppm)
neutron mass	m_n	1.6749286(10)	10^{-27} kg	0.59
		1.008664904(14)	u	0.014
in electron volts, $m_n c^2 / \{e\}$		939.56563(28)	MeV	0.30
neutron-electron mass ratio	m_n / m_e	1838.683662(40)		0.022
neutron-proton mass ratio	m_n / m_p	1.001378404(9)		0.009
neutron molar mass	$M(n), M_n$	1.008664904(14)	10^{-3} kg/mol	0.014
neutron Compton wave length, $h / m_n c$	$\lambda_{C,n}$	1.31959110(12)	10^{-15} m	0.089
$\lambda_{C,n} / 2\pi$	$\lambda_{C,n}$	2.10019445(19)	10^{-16} m	0.089
neutron-magnetic moment	μ_n	0.96623707(40)	10^{-26} JT ⁻¹	0.41
in Bohr magnetons	μ_n / μ_B	1.04187563(25)	10^{-3}	0.24
in nuclear magnetons	μ_n / μ_N	1.91304275(45)		0.24
neutron-electron				
magnetic moment ratio	μ_n / μ_e	1.04066882(25)	10^{-3}	0.24
neutron-proton				
magnetic moment ratio	μ_n / μ_p	0.68497934(16)		0.24