

## Units

category	description	called	symbol	natural	coherent	base	derived	core	geometrical	remarks
base units that are natural units	plane angle	rad is called 'radian'	rad	○	○	○			○	
		rad <sup>2</sup> is called 'steradian'	rad <sup>2</sup>	○	○		○		○	
	logarithm of Napier's constant	'naper'	naper	○	○	○				
	reciprocal Avogadro constant ( $N_A^{-1}$ )	<i>substance name</i> (ex. Carbon dioxide) or 'natural mole'	<i>substance symbol</i> (ex. CO <sub>2</sub> ) <b>μmol</b>	○	○	○				The SI noted "when the mole is used, the elementary entities must be specified and may be atoms, molecules, ions, electrons, other particles, or specified groups of such particles." In this context 'μ' is equivalent to '3-' and μmol is called 'natural mol.'
base units that are not natural units	natural unit of impedance	'ohm'	<b>Ω</b> or $Z_F$	○	○	○				
	harmonic meter	'harmon'	h		○	○		○	○	If a unit is omitted after square or cube, the unit shall be deemed to as harmon.(ex. 'square' expresses 'square harmon', 'q' comes from Latin 'quadrata'), and 'cube' expresses 'cubic harmon'('c' comes from Latin 'cubus'). A square sub harmon(=10 <sup>-4</sup> ·h <sup>2</sup> ) is symbolized as h <sup>2</sup> and a sub square (≡10 <sup>-4</sup> ·h <sup>2</sup> ) is symbolized as sq. A cubic sub harmon (≡10 <sup>-4</sup> ·h <sup>3</sup> ) is symbolized as h <sup>3</sup> and a sub cube (≡10 <sup>-4</sup> ·h <sup>3</sup> ) is symbolized as c. 1,c≡0.97424 cc.
		h <sup>2</sup> is called 'square harmon' or 'harmonic square' h <sup>3</sup> is called 'cubic harmon' or 'harmonic cube'	h <sup>2</sup> or <b>sq</b> h <sup>3</sup> or <b>c</b>		○		○		○	
	harmonic second	'nic'	n		○		○	○		
derived units of dynamical quantities	harmonic Joule	'harmonic Joule'	J		○	○				The overline is added when the unit is used for equivalent dose. (ex. effective Joule/tooloh[ $\bar{J}$ ,I])
	harmonic Kelvin (≡10 <sup>-42</sup> ·H)	'harmonic Kelvin'	K		○	○				
	harmonic gram	'tooloh'	l		○		○	○		
	harmonic Watt	'harmonic Watt'	W		○		○			The overline is added when the unit is used for luminous flux. (ex. effective Watt[ $\bar{W}$ ])
derived units of electro-magnetic quantities	harmonic Newton	'harmonic Newton'	N		○		○			
	harmonic Pascal	'harmonic Pascal'	P		○		○			The overline is added when the unit is used for phone pressure. (ex. effective Pascal[ $\bar{P}$ ])
	universal Coulomb	'universal Coulomb'	C		○		○			The prefix harmonic(z) should be called 'universal' if the universal unit is equal to the harmonic unit.
	harmonic Ampere	'harmonic Ampere'	A		○		○			
defining constants	harmonic Ørsted	'harmonic Ørsted'	E		○		○			
	harmonic Tesla	'harmonic Tesla'	T		○		○			
	the Rydberg constant	'Rydberg'	$R_\infty$	○						
	the speed of light in vacuum	'light'	$c$ or $c_0$	○						10 <sup>-8</sup> light is called 'átol'(γ). 1 átol = 1 harmon / nic = 2.509 997 km/hour
non-coherent supplementary constants	the quantum of action	'quantum'	h	○						
	the Boltzmann constant	'Boltzmann'	k <sub>B</sub>	○						
	total solid angle of a hypersphere	Ω <sub>1</sub> is called 'cycle' Ω <sub>2</sub> is called 'turn'	Ω <sub>1</sub> Ω <sub>2</sub>	○	○				○	
	logarithm of an integer	f <sub>1</sub> is called 'bit' f <sub>2</sub> is called 'figure' (d = log12./log2) f <sub>3</sub> is called 'nibble' f <sub>4</sub> is called 'byte'	f <sub>k</sub> (k=1,4,8,...)	○						
minor prefixes	universal mol	'universal mole' with <i>substance name</i> (ex. universal mole Carbon dioxide)	<b>μmol</b> <i>substance symbol</i> (ex. μmolCO <sub>2</sub> )							
	elementary electric charge	'electron'	e	○						
	10 <sup>-24</sup>	'sub'	s							
	10 <sup>-26</sup>	'atomic'	a							The prefix 'harmonic(z)' is omitted if the expression includes the prefix 'sub'. The prefix 'harmonic(z)' is omitted if the expression includes the prefix 'atomic'.
major prefixes	10 <sup>-1</sup>	'dirac'	¶							'dirac' is used only when expressing the unit of the Gravitic System with the Harmonic System.
	10 <sup>-4</sup>	'hyper'	#							The prefix 'harmonic(z)' is omitted if the expression includes the prefix 'hyper'.
	10 <sup>-5</sup>	'cosmic'	·							The prefix 'harmonic(z)' is omitted if the expression includes the prefix 'cosmic'.
	2nd power	'di-'	2							
power prefixes	3rd power	'ter-'	3							
	4th power	'tetra-'	4							
	5th power	'penta-'	5							
	6th power	'hexa-'	6							
non-coherent Earth local unit and supplementary constants	7th power	'hepta-'	7							
	the meridian length of the Earth	'Earth meridian' or simply 'meridian'	m <sub>E</sub>						○	
	the rotation period of the Earth (at the beginning of year 1900.)	'Earth solar' or simply 'solar'	s <sub>E</sub>							
	the gravitational acceleration of the Earth	'gee of Earth' or simply 'gee'	g <sub>E</sub>							
non-coherent Earth local calendar time	units	difference of thermodynamic temperature and the base point (0 <sup>o</sup> :H is correspondent to 118,2354 <sub>·</sub> K)	'degree H'					○		
	365.31/128. days	'year'	☼						○	
	10 <sup>-4</sup> year	'month'	☾						○	
	1 Ω <sub>2</sub>	'day'	☽	○					○	
The units out of the Universal Unit System	10 <sup>-4</sup> day	'unitia'	γ						○	
	10 <sup>-2</sup> day	'ditia'	σ						○	
	10 <sup>-2</sup> day	'heria'	π						○	
	2 <sup>-1</sup> (1/128.) day	'nodus'	★						○	
(not part of the Universal Unit System)	2 <sup>-6</sup> years	'hexon'	☼						○	
	10 <sup>-3</sup> nodus	'hernon'	▼						○	
	100; times least valued currency unit	'mon' with <i>country name</i>	<b>mon</b> <i>country name</i>							100; times least valued currency unit for each country(or economic group) Its value is distinguished by attaching the country code after 'mon'. (ex. 1; mon <sub>us</sub> = 1.44\$)
	10 <sup>-3</sup> harmon	'league'	μh					○		1 league = 5.6475 kilo meter ≈3.5092 mile
	10 <sup>-4</sup> harmon	'uninoh'	μ <sup>2</sup> ·h							1 uninoh = 2.2696 centi meter = 0.89354 inch
	10 <sup>-2</sup> harmon	'dinoh'	μ <sup>2</sup> ·h					○		1 dinoh = 1.8913 milli meter = 6.2052 mil
	10 <sup>-2</sup> tooloh	'dinol'	μ <sup>2</sup> ·l							1 dinol = 0.91548 gram = 0.03229 ounce