

## 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 (Greek nymph Nepheke)	'nephe'	nephe	○	○	○				
	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 't' is equivalent to '3-' and μmol is called 'natural mol.'
base units that are not natural units	natural unit of impedance	'nomega'	Ω or Z <sub>F</sub>	○	○	○				
	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'( <sub>q</sub> , 'q' comes from Latin 'quadrata'), and 'cube' expresses 'cubic harmon'( <sub>c</sub> , '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 q. 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. 1c=0.97424 cc.
		h <sup>2</sup> is called 'square harmon' or 'harmonic square'	h <sup>2</sup> or q		○		○		○	
		h <sup>3</sup> is called 'cubic harmon' or 'harmonic cube'	h <sup>3</sup> or c		○		○		○	
	harmonic second	'nic'	n		○		○	○		
	harmonic Joule (Roman goddess Juno)	'Juno'	J		○	○				The overline is added when the unit is used for equivalent dose. (ex. effective Juno/looloh[±J/±I])
derived units of dynamical quantities	harmonic Kelvin (Greek muse Kalliope, =10 <sup>-4</sup> H)	'Kalliope'	K		○	○				
	harmonic gram	'looloh'	J		○		○	○		
	harmonic Watt (Norse figure Walküre)	'Walku'	W		○		○			The overline is added when the unit is used for luminous flux. (ex. effective Walku[±W])
	harmonic Newton (Greek muse Nete)	'Nete'	N		○		○			
	harmonic Pascal (Greek muse Polymnia)	'Polym'	P		○		○			The overline is added when the unit is used for phone pressure. (ex. effective Polym[±P])
	harmonic Coulomb (Greek muse Chio)	'Chio'	C		○		○			The prefix 'harmonic(±)' should be called 'universal' if the universal unit is equal to the harmonic unit.
derived units of electro-magnetic quantities	harmonic Ampere (Greek muse Aoide)	'Aoide'	A		○		○			
	harmonic Ørsted (Greek muse Erato)	'Erato'	E		○		○			
	harmonic Tesla (Greek muse Thalia)	'Thalia'	T		○		○			
defining constants	the Rydberg constant	'Rydberg'	R <sub>∞</sub>	○						
	the speed of light in vacuum	'light'	c <sub>0</sub> or c <sub>B</sub>	○						
	the quantum of action	'quantum'	h	○						
	the Boltzmann constant	'Boltzmann'	k <sub>B</sub>	○						
non-coherent supplementary constants	total solid angle of a hypersphere	Ω <sub>1</sub> is called 'cycle'	Ω <sub>1</sub>	○					○	
		Ω <sub>2</sub> is called 'turn'	Ω <sub>2</sub>	○					○	
	logarithm of an integer	f <sub>1</sub> is called 'bit'	U <sub>k</sub> (k=1,2,4,8,...)	○						In environments where "U" cannot be used, "I" is used as an alias.
		F <sub>2</sub> is called 'figure' (z=log12./log2)		○						
		f <sub>4</sub> is called 'nibble'								
		f <sub>8</sub> is called 'byte'								
	harmonic mol	harmonic mole' with <i>substance name</i> (ex. harmonic mole Carbon dioxide)	μmol <i>substance symbol</i> (ex. μmolCO <sub>2</sub> )							The prefix 'harmonic(±)' can be called 'universal' because the universal unit is equal to the harmonic unit.
	elementary electric charge	'electron'	e	○						
minor prefixes	10 <sup>-2</sup>	'sub'	s							The prefix 'harmonic(±)' is omitted if the expression includes the prefix 'sub'.
	10 <sup>-9</sup>	'atomic'	a							The prefix 'harmonic(±)' is omitted if the expression includes the prefix 'atomic'.
major prefixes	10 <sup>-1</sup> (Roman goddess Diana)	'diana'	μ							'diana' is used only when expressing the unit of the Gravitic System with the Harmonic System.
	10 <sup>-4</sup>	'hyper'	μ							The prefix 'harmonic(±)' is omitted if the expression includes the prefix 'hyper'.
	10 <sup>-5</sup>	'cosmic'	c							The prefix 'harmonic(±)' is omitted if the expression includes the prefix 'cosmic'.
power prefixes	2nd power	'di-'	2							
	3rd power	'ter-'	3							
	4th power	'tetra-'	4							
	5th power	'penta-'	5							
	6th power	'hexa-'	6							
	7th power	'hepta-'	7							
non-coherent Earth local unit and supplementary constants	the meridian length of the Earth	'Earth meridian' or simply 'meridian'	m <sub>E</sub>						○	the Earth local extension
	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:°H is correspondent to 118,2354 <sub>±</sub> K)	'degree H'					○		
		365.31/128. days	'year'						○	
		10 <sup>-1</sup> year	'month'						○	
		1 Ω <sub>1</sub>	'day'		○				○	
		10 <sup>-1</sup> day	'unitia'						○	
		10 <sup>-2</sup> day	'ditia'						○	
		10 <sup>-3</sup> day	'tertia'						○	
		2 <sup>-1</sup> (1/128.) day	'nodus'						○	
		2 <sup>-6</sup> years	'hexon'						○	
		10 <sup>-1</sup> nodus	'terron'						○	
Social aliases	100: times least valued currency unit	'mon' with <i>country name</i>	mon <i>country name</i>							Least valued currency unit for each country(or economic group) Its value is distinguished by attaching the country code after 'mon'. (ex. 1\$ = 84; mon <sub>us</sub> )
(not part of the Universal Unit System)	10 <sup>-1</sup> harmon	'uninoh'	z <sub>u</sub> h						○	1 uninoh = 2.2696 centi meter = 0.89354 inch
	10 <sup>-2</sup> looloh	'dinoh'	z <sub>d</sub> l							1 dinoh = 0.91548 gram = 0.03229 ounce
	10 <sup>-3</sup> c <sub>q</sub>	'atoh'	z <sub>t</sub>						○	1 atoh = 1 harmon / nic = 2.509 997 km/hour, 10; atoh = 30.120 00 km/hour