

118 periodic table elements

colored PNG clip art

35
Br
bromine
79.904

atomic number

chemical symbol

element name

atomic weight

rounded to 3 decimal places



includes element families



3 Li lithium 6.94	13 Al aluminum 26.982					5 B boron 10.81				
11 Na sodium 22.990	31 Ga gallium 69.723	alkali metals				14 Si silicon 28.085				
19 K potassium 39.098	49 In indium 114.818	50 Sn tin 118.710	alkaline earth metals				32 Ge germanium 72.630	53 As arsenic 74.922		
37 Rb rubidium 85.468	81 Tl thallium 204.38	82 Pb lead 207.2(1)	83 Bi bismuth 208.980	transition metals						
55 Cs caesium 132.905	113 Nh nihonium [286]	114 Fl flerovium [289]	115 Mc moscovium [289]	116 Lv livermorium [293]	basic metals				51 Sb antimony 121.760	52 Te tellurium 127.60(3)
87 Fr francium [223]	lanthanides				metalloids					
actinides					89 Ac actinium [227]	90 Th thorium 232.038	91 Pa protactinium 231.036	92 U uranium 238.029	93 Np neptunium [237]	94 Pu plutonium [244]
63 Eu europium 151.964	64 Gd gadolinium 157.25(3)	65 Tb terbium 158.925	66 Dy dysprosium 162.500	67 Ho holmium 164.930	68 Er erbium 167.259	69 Tm thulium 168.934	70 Yb ytterbium 173.045	71 Lu lutetium 174.967		

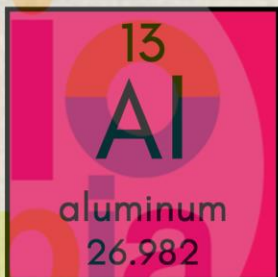
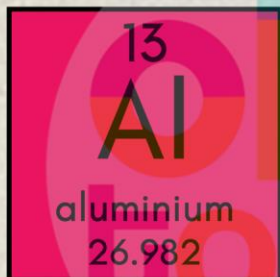
lanthanides
actinides

halogens

noble gases

nonmetals

colored based on element families



includes aluminum
and aluminium

plus

element groups

boron group

carbon group

nitrogen group

oxygen group

5 B boron 10.81	6 C carbon 12.011	7 N nitrogen 14.007	8 O oxygen 15.999
13 Al aluminum 26.982	14 Si silicon 28.085	15 P phosphorus 30.974	16 S sulfur 32.06
31 Ga gallium 69.723	32 Ge germanium 72.630	33 As arsenic 74.922	34 Se selenium 78.971(8)
49 In indium 114.818	50 Sn tin 118.710	51 Sb antimony 121.760	52 Te tellurium 127.60(3)
81 Tl thallium	82 Pb lead	83 Bi bismuth	84 Po polonium

www.teacherspayteachers.com/Store/Oliotopia

nihonium
[286]

flerovium
[289]

moscovium
[289]

livermorium
[293]

periodic tables

colored

PNG clip art



aluminum and aluminium versions

1 H hydrogen 1.008																	2 He helium 4.0026						
3 Li lithium 6.94	4 Be beryllium 9.0122																	5 B boron 10.81	6 C carbon 12.011	7 N nitrogen 14.007	8 O oxygen 15.999	9 F fluorine 18.998	10 Ne neon 20.180
11 Na sodium 22.990	12 Mg magnesium 24.305																	13 Al aluminum 26.982	14 Si silicon 28.085	15 P phosphorus 30.974	16 S sulfur 32.06	17 Cl chlorine 35.45	18 Ar argon 39.948
19 K potassium 39.098	20 Ca calcium 40.078	21 Sc scandium 44.956	22 Ti titanium 47.867	23 V vanadium 50.942	24 Cr chromium 51.996	25 Mn manganese 54.938	26 Fe iron 55.845	27 Co cobalt 58.933	28 Ni nickel 58.693	29 Cu copper 63.546	30 Zn zinc 65.38(2)	31 Ga gallium 69.723	32 Ge germanium 72.630	33 As arsenic 74.922	34 Se selenium 78.971(8)	35 Br bromine 79.904	36 Kr krypton 83.798						
37 Rb rubidium 85.468	38 Sr strontium 87.62(1)	39 Y yttrium 88.906	40 Zr zirconium 91.224	41 Nb niobium 92.906	42 Mo molybdenum 95.95(1)	43 Tc technetium [97]	44 Ru ruthenium 101.07(2)	45 Rh rhodium 102.905	46 Pd palladium 106.42(1)	47 Ag silver 107.868	48 Cd cadmium 112.414	49 In indium 114.818	50 Sn tin 118.710	51 Sb antimony 121.760	52 Te tellurium 127.60(3)	53 I iodine 126.904	54 Xe xenon 131.293						
55 Cs caesium 132.905	56 Ba barium 137.327	57-71 La-Lu lanthanides	72 Hf hafnium 178.487	73 Ta tantalum 180.948	74 W tungsten 183.84(1)	75 Re rhenium 186.207	76 Os osmium 190.23(3)	77 Ir iridium 192.217	78 Pt platinum 195.085	79 Au gold 196.967	80 Hg mercury 200.592	81 Tl thallium 204.38	82 Pb lead 207.2(1)	83 Bi bismuth 208.980	84 Po polonium [209]	85 At astatine [210]	86 Rn radon [222]						
87 Fr francium [223]	88 Ra radium [226]	89-103 Ac-Lr actinides	104 Rf rutherfordium [267]	105 Db dubnium [270]	106 Sg seaborgium [269]	107 Bh bohrium [270]	108 Hs hassium [270]	109 Mt meitnerium [278]	110 Ds darmstadtium [281]	111 Rg roentgenium [281]	112 Cn copernicium [285]	113 Nh nihonium [286]	114 Fl flerovium [289]	115 Mc moscovium [289]	116 Lv livermorium [293]	117 Ts tennessine [293]	118 Og oganesson [294]						
57 La lanthanum 138.905	58 Ce cerium 140.116	59 Pr praseodymium 140.908	60 Nd neodymium 144.242	61 Pm promethium [145]	62 Sm samarium 150.36(2)	63 Eu europium 151.964	64 Gd gadolinium 157.25(3)	65 Tb terbium 158.925	66 Dy dysprosium 162.500	67 Ho holmium 164.930	68 Er erbium 167.259	69 Tm thulium 168.934	70 Yb ytterbium 173.045	71 Lu lutetium 174.967									
89 Ac actinium [227]	90 Th thorium 232.038	91 Pa protactinium 231.036	92 U uranium 238.029	93 Np neptunium [237]	94 Pu plutonium [244]	95 Am americium [243]	96 Cm curium [247]	97 Bk berkelium [247]	98 Cf californium [251]	99 Es einsteinium [252]	100 Fm fermium [257]	101 Md mendelevium [258]	102 No nobelium [259]	103 Lr lawrencium [262]									

www.teacherspayteachers.com/Store/Oliotopia