

Periodic Table of the Elements

Polyatomic Ions							
-1 Charge		-2 Charge		-3 Charge			
nitrate	NO_3^-	permanganate	MnO_4^-	hydrogen phosphate	HPO_4^{2-}	phosphate	PO_4^{3-}
nitrite	NO_2^-	chlorate	ClO_3^-	hydrogen phosphite	HPO_3^{2-}	phosphite	PO_3^{3-}
hydroxide	OH^-	chlorite	ClO_2^-	carbonate	CO_3^{2-}	arsenate	AsO_4^{3-}
cyanide	CN^-	hypochlorite	ClO^-	carbonite	CO_2^{2-}	arsenite	AsO_3^{3-}
cyanate	OCN^-	perchlorate	ClO_4^-	sulphate	SO_4^{2-}	borate	BO_3^{3-}
thiocyanate	SCN^-	bromate	BrO_3^-	sulphite	SO_3^{2-}		
acetate	$\text{C}_2\text{H}_3\text{O}_2^-$	bromite	BrO_2^-	chromate	CrO_4^{2-}		
dihydrogen phosphate	H_2PO_4^-	hypobromite	BrO^-	dichromate	$\text{Cr}_2\text{O}_7^{2-}$		
dihydrogen phosphite	H_2PO_3^-	perbromate	BrO_4^-	oxalate	$\text{C}_2\text{O}_4^{2-}$		
hydrogen carbonate	HCO_3^-	iodate	IO_3^-	thiosulphate	$\text{S}_2\text{O}_3^{2-}$		
hydrogen carbonite	HCO_2^-	iodite	IO_2^-	silicate	SiO_3^{2-}		
hydrogen sulphate	HSO_4^-	hypoiodite	IO^-				
hydrogen sulphite	HSO_3^-	periodate	IO_4^-				

1 H Hydrogen 1.008																2 He Helium 4.003																			
3 Li Lithium 6.939	4 Be Beryllium 9.012																																		
11 Na Sodium 22.99	12 Mg Magnesium 24.31	5 B Boron 10.81	6 C Carbon 12.01	7 N Nitrogen 14.01	8 O Oxygen 16.00	9 F Fluorine 19.00	10 Ne Neon 20.18	13 Al Aluminum 26.98	14 Si Silicon 28.09	15 P Phosphorus 30.97	16 S Sulphur 32.06	17 Cl Chlorine 35.45	18 Ar Argon 39.95	19 K Potassium 39.10	20 Ca Calcium 40.08	21 Sc Scandium 44.96	22 Ti Titanium 47.90	23 V Vanadium 50.94	24 Cr Chromium 52.00	25 Mn Manganese 54.94	26 Fe Iron 55.85	27 Co Cobalt 58.93	28 Ni Nickel 58.71	29 Cu Copper 63.55	30 Zn Zinc 65.38	31 Ga Gallium 69.72	32 Ge Germanium 72.59	33 As Arsenic 74.92	34 Se Selenium 78.96	35 Br Bromine 79.91	36 Kr Krypton 83.80				
37 Rb Rubidium 85.47	38 Sr Strontium 87.62	39 Y Yttrium 88.91	40 Zr Zirconium 91.22	41 Nb Niobium 92.91	42 Mo Molybdenum 95.94	43 Tc Technetium 98.91	44 Ru Ruthenium 101.1	45 Rh Rhodium 102.9	46 Pd Palladium 106.4	47 Ag Silver 107.9	48 Cd Cadmium 112.4	49 In Indium 114.8	50 Sn Tin 118.7	51 Sb Antimony 121.8	52 Te Tellurium 127.6	53 I Iodine 126.9	54 Xe Xenon 131.3	55 Cs Cesium 132.9	56 Ba Barium 137.3	71 Lu Lutetium 175.0	72 Hf Hafnium 178.5	73 Ta Tantalum 180.9	74 W Tungsten 183.9	75 Re Rhenium 186.2	76 Os Osmium 190.2	77 Ir Iridium 192.2	78 Pt Platinum 195.1	79 Au Gold 197.0	80 Hg Mercury 200.6	81 Tl Thallium 204.4	82 Pb Lead 207.2	83 Bi Bismuth 209.0	84 Po Polonium 209.0	85 At Astatine 210.1	86 Rn Radon 222.0
87 Fr Francium 223.0	88 Ra Radium 226.0	103 Lr Lawrencium 262	104 Rf Rutherfordium 261	105 Db Dubnium 262	106 Sg Seaborgium 266	107 Bh Bohrium 264	108 Hs Hassium 269	109 Mt Meitnerium 268	110 Ds Darmstadtium 271	111 Rg Roentgenium 272	112 Cn Copernicium 285																								

57 La Lanthanum 138.9	58 Ce Cerium 140.1	59 Pr Praseodymium 140.9	60 Nd Neodymium 144.2	61 Pm Promethium 144.9	62 Sm Samarium 150.4	63 Eu Europium 152.0	64 Gd Gadolinium 157.3	65 Tb Terbium 158.9	66 Dy Dysprosium 162.5	67 Ho Holmium 164.9	68 Er Erbium 167.3	69 Tm Thulium 168.9	70 Yb Ytterbium 173.0	89 Ac Actinium 227.0	90 Th Thorium 232.0	91 Pa Protactinium 231.0	92 U Uranium 238.0	93 Np Neptunium 237.0	94 Pu Plutonium 242.1	95 Am Americium 243.1	96 Cm Curium 247.1	97 Bk Berkelium 247.1	98 Cf Californium 251.1	99 Es Einsteinium 252.1	100 Fm Fermium 257.1	101 Md Mendelevium 258.1	102 No Nobelium 259.1
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