

Periodic table of elements celebrating 150 years in 2019

KEY

- Black symbol - solid.
- Red symbol - gas.
- Blue symbol - liquid.
- Outline symbol - synthetically prepared.
- Based upon carbon-12. () indicates most stable or best known isotope.
- Entries marked with daggers refer to the gaseous state at 273 K and 1 atm and are given in units of g/l.

Atomic Number (top left of element box)
Atomic Weight (2) (top right of element box)
Oxidation States (Bold most stable) (middle left of element box)
Symbol (center of element box)
Name (bottom of element box)

1 1.00794 H Hydrogen																	18 4.00260 He Helium	
3 6.941 Li Lithium	4 9.01218 Be Beryllium																	10 20.1797 Ne Neon
11 22.98977 Na Sodium	12 24.305 Mg Magnesium																	18 39.948 Ar Argon
19 39.0983 K Potassium	20 40.078 Ca Calcium	21 44.9559 Sc Scandium	22 47.87 Ti Titanium	23 50.9415 V Vanadium	24 51.996 Cr Chromium	25 54.9380 Mn Manganese	26 55.845 Fe Iron	27 58.9332 Co Cobalt	28 58.6934 Ni Nickel	29 63.546 Cu Copper	30 65.39 Zn Zinc	31 69.723 Ga Gallium	32 72.61 Ge Germanium	33 74.9216 As Arsenic	34 78.96 Se Selenium	35 79.904 Br Bromine	36 83.80 Kr Krypton	
37 85.4678 Rb Rubidium	38 87.62 Sr Strontium	39 88.9059 Y Yttrium	40 91.224 Zr Zirconium	41 92.9064 Nb Niobium	42 95.94 Mo Molybdenum	43 (98) Tc Technetium	44 101.07 Ru Ruthenium	45 102.9055 Rh Rhodium	46 106.42 Pd Palladium	47 107.868 Ag Silver	48 112.41 Cd Cadmium	49 114.82 In Indium	50 118.710 Sn Tin	51 121.760 Sb Antimony	52 127.60 Te Tellurium	53 126.9045 I Iodine	54 131.29 Xe Xenon	
55 132.9054 Cs Cesium	56 137.33 Ba Barium		72 178.49 Hf Hafnium	73 180.9479 Ta Tantalum	74 183.84 W Tungsten	75 186.207 Re Rhenium	76 190.23 Os Osmium	77 192.22 Ir Iridium	78 195.08 Pt Platinum	79 196.9665 Au Gold	80 200.59 Hg Mercury	81 204.383 Tl Thallium	82 207.2 Pb Lead	83 208.9804 Bi Bismuth	84 (209) Po Polonium	85 (210) At Astatine	86 (222) Rn Radon	
87 (223) Fr Francium	88 (226) Ra Radium		104 (261) Rf Rutherfordium	105 (262) Db Dubnium	106 (263) Sg Seaborgium	107 (262) Bh Bohrium	108 (265) Hs Hassium	109 (266) Mt Meitnerium	110 (281) Ds Darmstadtium	111 (281) Rg Roentgenium	112 (285) Cn Copernicium	113 (286) Nh Nihonium	114 (289) Fl Flerovium	115 (288) Mc Moscovium	116 (293) Lv Livermorium	117 (294) Ts Tennessine	118 (294) Og Oganesson	

* Estimated Values

57 138.9055 La Lanthanum	58 140.12 Ce Cerium	59 140.9077 Pr Praseodymium	60 144.24 Nd Neodymium	61 (145) Pm Promethium	62 150.36 Sm Samarium	63 151.964 Eu Europium	64 157.25 Gd Gadolinium	65 158.9253 Tb Terbium	66 162.50 Dy Dysprosium	67 164.9303 Ho Holmium	68 167.26 Er Erbium	69 168.9342 Tm Thulium	70 173.04 Yb Ytterbium	71 174.967 Lu Lutetium
89 (277) Ac Actinium	90 232.0381 Th Thorium	91 231.0359 Pa Protactinium	92 238.029 U Uranium	93 (237) Np Neptunium	94 (244) Pu Plutonium	95 (243) Am Americium	96 (247) Cm Curium	97 (247) Bk Berkelium	98 (251) Cf Californium	99 (252) Es Einsteinium	100 (257) Fd Fermium	101 (258) Md Mendelevium	102 (259) No Nobelium	103 (262) Lr Lawrencium