Periodic table of the chemical elements

ChemTable chemtable.org

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	**1** H 2.20 Hydrogen 1.0080 1																	**2** He Helium 4.0026 2
2	**3** Li 0.98 Lithium 6.94 2-1	**4** Be 1.57 Beryllium 9.0122 2-2											**5** B 2.04 Boron 10.81 2-3	**6** C 2.55 Carbon 12.011 2-4	**7** N 3.04 Nitrogen 14.007 2-5	**8** O 3.44 Oxygen 15.999 2-6	**9** F 3.98 Fluorine 18.998 2-7	**10** Ne Neon 20.180 2-8
3	**11** Na 0.93 Sodium 22.990 2-8-1	**12** Mg 1.31 Magnesium 24.305 2-8-2											**13** Al 1.61 Aluminium 26.982 2-8-3	**14** Si 1.90 Silicon 28.085 2-8-4	**15** P 2.19 Phosphorus 30.974 2-8-5	**16** S 2.58 Sulfur 32.06 2-8-6	**17** Cl 3.16 Chlorine 35.45 2-8-7	**18** Ar Argon 39.95 2-8-8
4	**19** K 0.82 Potassium 39.098 2-8-8-1	**20** Ca 1.00 Calcium 40.078 2-8-8-2	**21** Sc 1.36 Scandium 44.956 2-8-9-2	**22** Ti 1.54 Titanium 47.867 2-8-10-2	**23** V 1.63 Vanadium 50.942 2-8-11-2	**24** Cr 1.66 Chromium 51.996 2-8-13-1	**25** Mn 1.55 Manganese 54.938 2-8-13-2	**26** Fe 1.83 Iron 55.845 2-8-14-2	**27** Co 1.88 Cobalt 58.933 2-8-15-2	**28** Ni 1.91 Nickel 58.693 2-8-16-2	**29** Cu 1.90 Copper 63.546 2-8-18-1	**30** Zn 1.65 Zinc 65.38 2-8-18-2	**31** Ga 1.81 Gallium 69.723 2-8-18-3	**32** Ge 2.01 Germanium 72.630 2-8-18-4	**33** As 2.18 Arsenic 74.922 2-8-18-5	**34** Se 2.55 Selenium 78.971 2-8-18-6	**35** Br 2.96 Bromine 79.904 2-8-18-7	**36** Kr 3.00 Krypton 83.798 2-8-18-8
5	**37** Rb 0.82 Rubidium 85.468 2-8-18-8-1	**38** Sr 0.95 Strontium 87.62 2-8-18-8-2	**39** Y 1.22 Yttrium 88.906 2-8-18-9-2	**40** Zr 1.33 Zirconium 91.222 2-8-18-10-2	**41** Nb 1.6 Niobium 92.906 2-8-18-12-1	**42** Mo 2.16 Molybdenum 95.95 2-8-18-13-1	**43** Tc 1.9 Technetium [97] 2-8-18-13-2	**44** Ru 2.2 Ruthenium 101.07 2-8-18-15-1	**45** Rh 2.28 Rhodium 102.91 2-8-18-16-1	**46** Pd 2.20 Palladium 106.42 2-8-18-18	**47** Ag 1.93 Silver 107.87 2-8-18-18-1	**48** Cd 1.69 Cadmium 112.41 2-8-18-18-2	**49** In 1.78 Indium 114.82 2-8-18-18-3	**50** Sn 1.96 Tin 118.71 2-8-18-18-4	**51** Sb 2.05 Antimony 121.76 2-8-18-18-5	**52** Te 2.1 Tellurium 127.60 2-8-18-18-6	**53** I 2.66 Iodine 126.90 2-8-18-18-7	**54** Xe 2.6 Xenon 131.29 2-8-18-18-8
6	**55** Cs 0.79 Caesium 132.91 2-8-18-18-8-1	**56** Ba 0.89 Barium 137.33 2-8-18-18-8-2	57–71	**72** Hf 1.3 Hafnium 178.49 2-8-18-32-10-2	**73** Ta 1.5 Tantalum 180.95 2-8-18-32-11-2	**74** W 2.36 Tungsten 183.84 2-8-18-32-12-2	**75** Re 1.9 Rhenium 186.21 2-8-18-32-13-2	**76** Os 2.2 Osmium 190.23 2-8-18-32-14-2	**77** Ir 2.20 Iridium 192.22 2-8-18-32-15-2	**78** Pt 2.28 Platinum 195.08 2-8-18-32-17-1	**79** Au 2.54 Gold 196.97 2-8-18-32-18-1	**80** Hg 2.00 Mercury 200.59 2-8-18-32-18-2	**81** Tl 1.62 Thallium 204.38 2-8-18-32-18-3	**82** Pb 1.87 Lead 207.2 2-8-18-32-18-4	**83** Bi 2.02 Bismuth 208.98 2-8-18-32-18-5	**84** Po 2.0 Polonium [209] 2-8-18-32-18-6	**85** At Astatine [210] 2-8-18-32-18-7	**86** Rn Radon [222] 2-8-18-32-18-8
7	**87** Fr Francium [223] 2-8-18-32-18-8-1	**88** Ra 0.9 Radium [226] 2-8-18-32-18-8-2	89–103	**104** Rf Rutherfordium [267] 2-8-18-32-32-10-2	**105** Db Dubnium [268] 2-8-18-32-32-11-2	**106** Sg Seaborgium [269] 2-8-18-32-32-12-2	**107** Bh Bohrium [270] 2-8-18-32-32-13-2	**108** Hs Hassium [269] 2-8-18-32-32-14-2	**109** Mt Meitnerium [278] 2-8-18-32-32-15-2	**110** Ds Darmstadtium [281] 2-8-18-32-32-16-2	**111** Rg Roentgenium [282] 2-8-18-32-32-17-2	**112** Cn Copernicium [285] 2-8-18-32-32-18-2	**113** Nh Nihonium [286] 2-8-18-32-32-18-3	**114** Fl Flerovium [289] 2-8-18-32-32-18-4	**115** Mc Moscovium [290] 2-8-18-32-32-18-5	**116** Lv Livermorium [293] 2-8-18-32-32-18-6	**117** Ts Tennessine [294] 2-8-18-32-32-18-7	**118** Og Oganesson [294] 2-8-18-32-32-18-8

26 1.83
Fe
Iron
55.845
2-8-14-2

Atomic number · Electronegativity (Pauling)
Symbol
Name
Atomic mass
Electrons per shell

- Alkali metals
- Alkaline earth metals
- Transition metals
- Post-transition metals
- Metalloids
- Nonmetals
- Halogens
- Noble gases
- Lanthanides
- Actinides

57 1.10 La Lanthanum 138.91 2-8-18-18-9-2	**58** 1.12 Ce Cerium 140.12 2-8-18-19-9-2	**59** 1.13 Pr Praseodymium 140.91 2-8-18-21-8-2	**60** 1.14 Nd Neodymium 144.24 2-8-18-22-8-2	**61** Pm Promethium [145] 2-8-18-23-8-2	**62** 1.17 Sm Samarium 150.36 2-8-18-24-8-2	**63** Eu Europium 151.96 2-8-18-25-8-2	**64** 1.20 Gd Gadolinium 157.25 2-8-18-25-9-2	**65** Tb Terbium 158.93 2-8-18-27-8-2	**66** 1.22 Dy Dysprosium 162.50 2-8-18-28-8-2	**67** 1.23 Ho Holmium 164.93 2-8-18-29-8-2	**68** 1.24 Er Erbium 167.26 2-8-18-30-8-2	**69** 1.25 Tm Thulium 168.93 2-8-18-31-8-2	**70** Yb Ytterbium 173.05 2-8-18-32-8-2	**71** 1.27 Lu Lutetium 174.97 2-8-18-32-9-2
89 1.1 Ac Actinium [227] 2-8-18-32-18-9-2	**90** 1.3 Th Thorium 232.04 2-8-18-32-18-10-2	**91** 1.5 Pa Protactinium 231.04 2-8-18-32-20-9-2	**92** 1.38 U Uranium 238.03 2-8-18-32-21-9-2	**93** 1.36 Np Neptunium [237] 2-8-18-32-22-9-2	**94** 1.28 Pu Plutonium [244] 2-8-18-32-24-8-2	**95** Am Americium [243] 2-8-18-32-25-8-2	**96** Cm Curium [247] 2-8-18-32-25-9-2	**97** Bk Berkelium [247] 2-8-18-32-27-8-2	**98** Cf Californium [251] 2-8-18-32-28-8-2	**99** Es Einsteinium [252] 2-8-18-32-29-8-2	**100** Fm Fermium [257] 2-8-18-32-30-8-2	**101** Md Mendelevium [258] 2-8-18-32-31-8-2	**102** No Nobelium [259] 2-8-18-32-32-8-2	**103** Lr Lawrencium [266] 2-8-18-32-32-8-3

[227] — mass number of the most stable isotope

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