

The Elements

H 1 1.008  Hydrogen	Li 3 6.941  Lithium	Be 4 9.012  Beryllium
Na 11 22.990  Sodium	Mg 12 24.305  Magnesium	

K 19 39.098  Potassium	Ca 20 40.078  Calcium	Sc 21 44.956  Scandium	Ti 22 47.867  Titanium	V 23 50.942  Vanadium	Cr 24 51.996  Chromium	Mn 25 54.938  Manganese	Fe 26 55.845  Iron	Co 27 58.933  Cobalt	Ni 28 58.693  Nickel	Cu 29 63.546  Copper	Zn 30 65.38  Zinc	B 5 10.81  Boron	C  Carbon
Rb 37 85.468  Rubidium	Sr 38 87.62  Strontium	Y 39 88.906  Yttrium	Zr 40 91.224  Zirconium	Nb 41 92.906  Niobium	Mo 42 95.94  Molybdenum	Tc 43  Technetium	Ru 44 101.07  Ruthenium	Rh 45 102.91  Rhodium	Pd 46 106.42  Palladium	Ag 47 107.87  Silver	Cd 48 112.41  Cadmium	Al 13 26.982  Aluminum	Si  Silicon
Cs 55 132.91  Cesium	Ba 56 137.33  Barium	Hf 72 178.49  Hafnium	Ta 73 180.95  Tantalum	W 74 183.84  Tungsten	Re 75 186.21  Rhenium	Os 76 190.23  Osmium	Ir 77 192.22  Iridium	Pt 78 195.08  Platinum	Au 79 196.97  Gold	Hg 80 200.59  Mercury	Tl 81 204.38  Thallium	Ga 31 69.723  Gallium	Ge  Germanium
Fr 87  Francium	Ra 88  Radium	Rf 104  Rutherfordium	Db 105  Dubnium	Sg 106  Seaborgium	Bh 107  Bohrium	Hs 108  Hassium	Mt 109  Meitnerium	Ds 110  Darmstadtium	Rg 111  Roentgenium	Uub 112  Ununbium	Uut 113  Ununtrium	In 49 114.82  Indium	Sn  Tin
La 57 138.91  Lanthanum	Ce 58 140.12  Cerium	Pr 59 140.91  Praseodymium	Nd 60 144.24  Neodymium	Pm 61  Promethium	Sm 62 150.36  Samarium	Eu 63 151.96  Europium	Gd 64 157.25  Gadolinium	Tb 65 158.93  Terbium	Dy 66 162.5  Dysprosium	Ho 67 164.93  Holmium	Er  Erbium		
Ac 89  Actinium	Th 90 232.04  Thorium	Pa 91 231.04  Protactinium	U 92 238.03  Uranium	Np 93 237  Neptunium	Pu 94 244  Plutonium	Am 95 243  Americium	Cm 96 247  Curium	Bk 97 247  Berkelium	Cf 98 251  Californium	Es 99 252  Einsteinium	Fm  Fermium		

 Radioactive elements

Photographs show samples of the pure or nearly pure element except as follows: Al, Rn, Fr, Ac, Pm, and Tm show radioactive minerals containing minute traces of the element. Po, Ra, Pm, Pu, and Am show artificial objects containing invisible amounts of the element. Technetium shows a Tc-99 bone scan. Hydrogen shows a Hubble Space Telescope image of the Eagle Nebula, which is mostly hydrogen. 98-111 show the person or place after which the element is named. 112-118 had not been named yet in 2006.

Poster and photography by Theodore W. Gray, RGB Research, Ltd.

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