

The Modern Periodic Table of the Elements

1												18						
Hydrogen 1 H 1.01 2.1																		Helium 2 He 4.00 ...
Lithium 3 Li 6.94 1.0	Boron 5 B 10.81 2.0	Carbon 6 C 12.01 2.5	Nitrogen 7 N 14.01 3.0	Oxygen 8 O 16.00 3.5	Fluorine 9 F 18.99 4.0	Neon 10 Ne 20.18 ...												
Sodium 11 Na 22.99 0.9	Magnesium 12 Mg 24.31 1.2	Aluminum 13 Al 26.98 1.5	Silicon 14 Si 28.09 1.8	Phosphorus 15 P 30.97 2.1	Sulfur 16 S 32.07 2.5	Chlorine 17 Cl 35.45 3.0	Argon 18 Ar 39.95 ...											
Potassium 19 K 39.10 0.8	Calcium 20 Ca 40.08 1.0	Scandium 21 Sc 44.96 1.3	Titanium 22 Ti 47.88 1.5	Vanadium 23 V 50.94 1.6	Chromium 24 Cr 52.00 1.6	Manganese 25 Mn 54.94 1.5	Iron 26 Fe 55.85 1.8	Cobalt 27 Co 58.93 1.8	Nickel 28 Ni 58.69 1.8	Copper 29 Cu 63.55 1.9	Zinc 30 Zn 65.39 1.8	Gallium 31 Ga 69.72 1.8	Germanium 32 Ge 72.64 1.8	Arsenic 33 As 74.92 2.0	Selenium 34 Se 78.96 2.4	Bromine 35 Br 79.90 2.8	Krypton 36 Kr 83.80 3.0	
Rubidium 37 Rb 85.47 0.8	Strontium 38 Sr 87.62 1.0	Yttrium 39 Y 88.91 1.2	Zirconium 40 Zr 91.22 1.4	Niobium 41 Nb 92.91 1.6	Molybdenum 42 Mo 95.94 1.6	Technetium 43 Tc (98) 1.8	Ruthenium 44 Ru 101.07 2.2	Rhodium 45 Rh 102.91 2.2	Palladium 46 Pd 106.42 2.2	Silver 47 Ag 107.87 1.9	Cadmium 48 Cd 112.41 1.7	Indium 49 In 114.82 1.7	Tin 50 Sn 118.71 1.8	Antimony 51 Sb 121.76 1.8	Tellurium 52 Te 127.60 2.1	Iodine 53 I 126.90 2.5	Xenon 54 Xe 131.29 2.8	
Cesium 55 Cs 132.91 0.7	Barium 56 Ba 137.33 0.9	Lanthanides 57-70 -	Lutetium 71 Lu 174.97 1.1	Hafnium 72 Hf 178.49 1.3	Tantalum 73 Ta 180.95 1.5	Tungsten 74 W 183.84 1.7	Rhenium 75 Re 186.21 1.9	Osmium 76 Os 190.23 2.2	Iridium 77 Ir 192.22 2.2	Platinum 78 Pt 195.08 2.2	Gold 79 Au 196.97 2.4	Mercury 80 Hg 200.59 1.9	Thallium 81 Tl 204.38 1.8	Lead 82 Pb 207.2 1.8	Bismuth 83 Bi 208.98 1.9	Polonium 84 Po (209) 2.5	Astatine 85 At (210) 2.2	Radon 86 Rn (222) 2.4
Francium 87 Fr (223) ...	Radium 88 Ra (226) ...	Actinides 89-102 -	Lanthanum 89 La (202) ...	Rutherfordium 104 Rf (261) ...	Dubnium 105 Db (262) ...	Seaborgium 106 Sg (263) ...	Berkelium 107 Bk (264) ...	Hassium 108 Hs (265) ...	Mitlerium 109 Mt (266) ...	Darmstadtium 110 Ds (271) ...	Roentgenium 111 Rg (272) ...	Copernicium 112 Cn (277) ...	Uutium 113 Uut (284) ...	Flerovium 114 Fl (289) ...	Uupium 115 Uup (288) ...	Livermorium 116 Lv (293) ...	Uusium 117 Uus (294) ...	Uuoium 118 Uuo (294) ...

Average relative masses are rounded to two decimal places.

All average masses are to be treated as measured quantities, and subject to significant figure rules. Do not round them further when performing calculations.

Element name → Mercury

Atomic # ← 80

Symbol → **Hg**

Avg. Mass ← 200.59

Electronegativity → 1.9

*lanthanides

57 La 138.91 1.1	58 Ce 140.12 1.1	59 Pr 140.91 1.1	60 Nd 144.24 1.1	61 Pm (145) 1.1	62 Sm 150.36 1.2	63 Eu 151.97 1.1	64 Gd 157.25 1.2	65 Tb 158.93 1.1	66 Dy 162.50 1.2	67 Ho 164.93 1.2	68 Er 167.26 1.2	69 Tm 168.93 1.2	70 Yb 173.04 1.2
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**actinides

89 Ac (227) 1.1	90 Th 232.04 1.3	91 Pa 231.04 1.3	92 U 238.03 1.4	93 Np (237) 1.4	94 Pu (244) 1.3	95 Am (243) 1.3	96 Cm (247) 1.3	97 Bk (247) 1.3	98 Cf (251) 1.3	99 Es (252) 1.3	100 Fm (257) 1.3	101 Md (258) 1.3	102 No (259) 1.3
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web engine model and ddec ii ddec iii serial number engine identification designation detroit diesel electronic control ddec systems are available as stan the engine serial number and model dard or optional items on many series number are stamped on the cylinder 92 engine models

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web appendix a codes the codelisted may not be used in all applications a default value in the normal operating range is used by the ecu to provide for engine operation if a sensor failure is present ddc code j1939 j1587 flashed spn pid sid fmi description 240 2 fram checksum incorrect 240 13 tpu checksum incorrect

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