

Periodic Table of Elements

11.00012

1

1.0079

H

Hydrogen

2

IIA

13

IIIA

14

IVA

15

VA

16

VIA

17

VIIA

18

VIIIA

Z

mass

Symbol

Name

36.969

3

6.941

Li

Lithium

4

9.0122

Be

Beryllium

11

22.990

Na

Sodium

12

24.305

Mg

Magnesium

19

39.098

K

Potassium

20

40.078

Ca

Calcium

37

85.468

Rb

Rubidium

38

87.62

Sr

Strontium

55

132.91

Cs

Caesium

56

137.33

Ba

Barium

87

223

Fr

Francium

88

226

Ra

Radium

21

44.956

Sc

Scandium

22

47.867

Ti

Titanium

23

50.942

V

Vanadium

24

51.996

Cr

Chromium

25

54.938

Mn

Manganese

26

55.845

Fe

Iron

27

58.933

Co

Cobalt

28

58.693

Ni

Nickel

29

63.546

Cu

Copper

30

65.39

Zn

Zinc

31

69.723

Ga

Gallium

32

72.64

Ge

Germanium

33

74.922

As

Arsenic

34

78.96

Se

Selenium

35

79.904

Br

Bromine

36

83.8

Kr

Krypton

39

88.906

Y

Yttrium

40

91.224

Zr

Zirconium

41

92.906

Nb

Niobium

42

95.94

Mo

Molybdenum

43

96

Tc

Technetium

44

101.07

Ru

Ruthenium

45

102.91

Rh

Rhodium

46

106.42

Pd

Palladium

47

107.87

Ag

Silver

48

112.41

Cd

Cadmium

49

114.82

In

Indium

50

118.71

Sn

Tin

51

121.76

Sb

Antimony

52

127.6

Te

Tellurium

53

126.9

I

Iodine

54

131.29

Xe

Xenon

72

178.49

Hf

Hafnium

73

180.95

Ta

Tantalum

74

183.84

W

Tungsten

75

186.21

Re

Rhenium

76

190.23

Os

Osmium

77

192.22

Ir

Iridium

78

195.08

Pt

Platinum

79

196.97

Au

Gold

80

200.59

Hg

Mercury

81

204.38

Tl

Thallium

82

207.2

Pb

Lead

83

208.98

Bi

Bismuth

84

209

Po

Polonium

85

210

At

Astatine

86

222

Rn

Radon

104

261

Rf

Rutherfordium

105

262

Db

Dubnium

106

266

Sg

Seaborgium

107

264

Bh

Bohrium

108

277

Hs

Hassium

109

268

Mt

Meitnerium

110

281

Ds

Darmstadtium

111

280

Rg

Roentgenium

112

285

Cn

Copernicium

113

284

Nh

Nihonium

114

289

Fl

Flerovium

115

288

Mc

Moscovium

116

293

Lv

Livermorium

117

294

Ts



Tennessine

118

294

Og

Oganesson

	Alkali Metal
	Alkaline Earth Metal
	Transition Metal
	Metalloid
	Nonmetal
	Halogen
	Noble Gas
	Lanthanide/Actinide

black: natural
gray: man-made

57 138.91 La Lanthanum	58 140.12 Ce Cerium	59 140.91 Pr Praseodymium	60 144.24 Nd Neodymium	61 145 Pm Promethium	62 150.36 Sm Samarium	63 151.96 Eu Europium	64 157.25 Gd Gadolinium	65 158.93 Tb Terbium	66 162.50 Dy Dysprosium	67 164.93 Ho Holmium	68 167.26 Er Erbium	69 168.93 Tm Thulium	70 173.04 Yb Ytterbium	71 174.97 Lu Lutetium
89 227 Ac Actinium	90 232.04 Th Thorium	91 231.04 Pa Protactinium	92 238.03 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 Fm Fermium	101 258 Md Mendelevium	102 259 No Nobelium	103 262 Lr Lawrencium