

Periodic Table of Elements

Z

mass

Symbol

Name

black: natural
gray: man-made

Alkali Metal

Alkaline Earth Metal

Metal

Metalloid

Non-metal

Halogen

Noble Gas

Lanthanide/Actinide

11A

1

1.0079

H

Hydrogen

21A

3

6.941

Li

Lithium

22A

4

9.0122

Be

Beryllium

31A

11

22.990

Na

Sodium

32A

12

24.305

Mg

Magnesium

41A

19

39.098

K

Potassium

42A

20

40.078

Ca

Calcium

51A

37

85.468

Rb

Rubidium

52A

38

87.62

Sr

Strontium

61A

55

132.91

Cs

Caesium

62A

56

137.33

Ba

Barium

71A

87

223

Fr

Francium

72A

88

226

Ra

Radium

81A

13

26.982

Al

Aluminium

82A

14

28.086

Si

Silicon

91A

31

69.723

Ga

Gallium

92A

32

72.64

Ge

Germanium

101A

49

114.82

In

Indium

102A

50

118.71

Sn

Tin

111A

81

204.38

Tl

Thallium

112A

82

207.2

Pb

Lead

121A

113

284

Uut

Ununtrium

122A

114

289

Uuq

Ununquadium

131A

15

30.974

P

Phosphorus

132A

16

32.065

S

Sulphur

141A

33

74.922

As

Arsenic

142A

34

78.96

Se

Selenium

151A

51

121.76

Sb

Antimony

152A

52

127.6

Te

Tellurium

161A

83

208.98

Bi

Bismuth

162A

84

209

Po

Polonium

171A

115

288

Uup

Ununpentium

172A

116

293

Uuh

Ununhexium

181A

17

35.453

Cl

Chlorine

182A

18

39.948

Ar

Argon

191A

35

79.904

Br

Bromine

192A

36

83.8

Kr

Krypton

201A

53

126.9

I

Iodine

202A

54

131.29

Xe

Xenon

211A

85

210

At

Astatine

212A

86

222

Rn

Radon

221A

117

292

Uus

Ununseptium

222A

118

294

Uuo

Ununoctium

231A

57

138.91

La

Lanthanum

232A

58

140.12

Ce

Cerium

233A

59

140.91

Pr

Praseodymium

234A

60

144.24

Nd

Neodymium

235A

61

145

Pm

Promethium

236A

62

150.36

Sm

Samarium

237A

63

151.96

Eu

Europium

238A

64

157.25

Gd

Gadolinium

239A

65

158.93

Tb

Terbium

240A

66

162.50

Dy

Dysprosium

241A

67

164.93

Ho

Holmium

242A

68

167.26

Er

Erbium

243A

69

168.93

Tm

Thulium

244A

70

173.04

Yb

Ytterbium

245A

71

174.97

Lu

Lutetium

246A

89

227

Ac

Actinium

247A

90

232.04

Th

Thorium

248A

91

231.04

Pa

Protactinium

249A

92

238.03

U

Uranium

250A

93

237

Np

Neptunium

251A

94

244

Pu

Plutonium

252A

95

243

Am

Americium

253A

96

247

Cm

Curium

254A

97

247

Bk

Berkelium

255A

98

251

Cf

Californium

256A

99

252

Es

Einsteinium

257A

100

257

Fm

Fermium

258A

101

258

Md

Mendelevium

259A

102

259

No

Nobelium

260A

103

262

Lr

Lawrencium