

PERIODIC TABLE OF THE ELEMENTS

1

1

H

Hydrogen

1.008

2

2

He

Helium

4.003

3

3

Li

Lithium

6.941

4

4

Be

Beryllium

9.012

5

5

B

Boron

10.811

6

6

C

Carbon

12.011

7

7

N

Nitrogen

14.007

8

8

O

Oxygen

15.999

9

9

F

Fluorine

18.998

10

10

Ne

Neon

20.180

11

11

Na

Sodium

22.990

12

12

Mg

Magnesium

24.305

13

13

Al

Aluminum

26.982

14

14

Si

Silicon

28.086

15

15

P

Phosphorus

30.974

16

16

S

Sulfur

32.066

17

17

Cl

Chlorine

35.453

18

18

Ar

Argon

39.948

19

19

K

Potassium

39.098

20

20

Ca

Calcium

40.078

21

3

Sc

Scandium

44.956

22

4

Ti

Titanium

47.88

23

5

V

Vanadium

50.942

24

6

Cr

Chromium

51.996

25

7

Mn

Manganese

54.938

26

8

Fe

Iron

55.845

27

9

Co

Cobalt

58.933

28

10

Ni

Nickel

58.693

29

11

Cu

Copper

63.546

30

12

Zn

Zinc

65.38

31

31

Ga

Gallium

69.723

32

32

Ge

Germanium

72.631

33

33

As

Arsenic

74.922

34

34

Se

Selenium

78.971

35

35

Br

Bromine

79.904

36

36

Kr

Krypton

83.798

37

5

Rb

Rubidium

85.468

38

38

Sr

Strontium

87.62

39

39

Y

Yttrium

88.906

40

40

Zr

Zirconium

91.224

41

41

Nb

Niobium

92.906

42

42

Mo

Molybdenum

95.95

43

43

Tc

Technetium

98.907

44

44

Ru

Ruthenium

101.07

45

45

Rh

Rhodium

102.906

46

46

Pd

Palladium

106.42

47

47

Ag

Silver

107.868

48

48

Cd

Cadmium

112.414

49

49

In

Indium

114.818

50

50

Sn

Tin

118.711

51

51

Sb

Antimony

121.760

52

52

Te

Tellurium

127.6

53

53

I

Iodine

126.904

54

54

Xe

Xenon

131.294

55

6

Cs

Cesium

132.905

56

56

Ba

Barium

137.328

57-71

57-71

72

72

Hf

Hafnium

178.49

73

73

Ta

Tantalum

180.948

74

74

W

Tungsten

183.85

75

75

Re

Rhenium

186.207

76

76

Os

Osmium

190.23

77

77

Ir

Iridium

192.22

78

78

Pt

Platinum

195.08

79

79

Au

Gold

196.967

80

80

Hg

Mercury

200.59

81

81

Tl

Thallium

204.383

82

82

Pb

Lead

207.2

83

83

Bi

Bismuth

208.980

84

84

Po

Polonium

[208.982]

85

85

At

Astatine

209.987

86

86

Rn

Radon

222.018

87

7

Fr

Francium

223.020

88

88

Ra

Radium

226.025

89-103

89-103

104

104

Rf

Rutherfordium

[261]

105

105

Db

Dubnium

[262]

106

106

Sg

Seaborgium

[266]

107

107

Bh

Bohrium

[264]

108

108

Hs

Hassium

[269]

109

109

Mt

Meitnerium

[278]

110

110

Ds

Darmstadtium

[281]

111

111

Rg

Roentgenium

[280]

112

112

Cn

Copernicium

[285]

113

113

Nh

Nihonium

[286]

114

114

Fl

Flerovium

[289]

115

115

Mc

Moscovium

[289]

116

116

Lv

Livermorium

[293]

117

117

Ts

Tennessine

[294]

118

118

Og

Oganesson

[294]

PERIODIC TABLE OF THE ELEMENTS

57 La Lanthanum 138.905	58 Ce Cerium 140.116	59 Pr Praseodymium 140.908	60 Nd Neodymium 144.243	61 Pm Promethium 144.913	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930	68 Er Erbium 167.259	69 Tm Thulium 168.934	70 Yb Ytterbium 173.055	71 Lu Lutetium 174.967
89 Ac Actinium 227.028	90 Th Thorium 232.038	91 Pa Protactinium 231.036	92 U Uranium 238.029	93 Np Neptunium 237.048	94 Pu Plutonium 244.064	95 Am Americium 243.061	96 Cm Curium 247.070	97 Bk Berkelium 247.070	98 Cf Californium 251.080	99 Es Einsteinium [254]	100 Fm Fermium 257.095	101 Md Mendelevium 258.1	102 No Nobelium 259.101	103 Lr Lawrencium [262]

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