

PERIODIC TABLE OF THE ELEMENTS

1
IA

1
H
Hydrogen
1.01

2
IIA

3
IIIB

4
IVB

5
VB

6
VIB

7
VIIB

8
VIIIB

9
VIIIB

10
VIIIB

11
IB

12
IIB

13
IIIA

14
IVA

15
VA

16
VIA

17
VIIA

18
VIIIA

1
H
Hydrogen
1.01

2
He
Helium
4.00

3
Li
Lithium
6.94

4
Be
Beryllium
9.01

5
Na
Sodium
22.99

6
Mg
Magnesium
24.31

7
Al
Aluminum
26.98

8
Si
Silicon
28.09

9
P
Phosphorus
30.97

10
S
Sulfur
32.07

11
Cl
Chlorine
35.45

12
Ar
Argon
39.95

13
K
Potassium
39.10

14
Ca
Calcium
40.08

15
Sc
Scandium
44.96

16
Ti
Titanium
47.87

17
V
Vanadium
50.94

18
Cr
Chromium
52.00

19
Mn
Manganese
54.94

20
Fe
Iron
55.85

21
Co
Cobalt
58.93

22
Ni
Nickel
58.69

23
Cu
Copper
63.55

24
Zn
Zinc
65.41

25
Ga
Gallium
69.72

26
Ge
Germanium
72.64

27
As
Arsenic
74.92

28
Se
Selenium
78.96

29
Br
Bromine
79.90

30
Kr
Krypton
83.80

31
Rb
Rubidium
85.47

32
Sr
Strontium
87.62

33
Y
Yttrium
88.91

34
Zr
Zirconium
91.22

35
Nb
Niobium
92.91

36
Mo
Molybdenum
95.94

37
Tc
Technetium
(98)

38
Ru
Ruthenium
101.07

39
Rh
Rhodium
102.91

40
Pd
Palladium
106.42

41
Ag
Silver
107.87

42
Cd
Cadmium
112.41

43
In
Indium
114.82

44
Sn
Tin
118.71

45
Sb
Antimony
121.76

46
Te
Tellurium
127.60

47
I
Iodine
126.90

48
Xe
Xenon
131.29

49
Cs
Cesium
132.91

50
Ba
Barium
137.33

51
La
Lanthanum
138.91

52
Hf
Hafnium
178.49

53
Ta
Tantalum
180.95

54
W
Tungsten
183.84

55
Re
Rhenium
186.21

56
Os
Osmium
190.23

57
Ir
Iridium
192.22

58
Pt
Platinum
195.08

59
Au
Gold
196.97

60
Hg
Mercury
200.59

61
Tl
Thallium
204.38

62
Pb
Lead
207.2

63
Bi
Bismuth
208.98

64
Po
Polonium
(209)

65
At
Astatine
(210)

66
Rn
Radon
(222)

67
Fr
Francium
(223)

68
Ra
Radium
(226)

69
Ac
Actinium
(227)

70
Ce
Cerium
140.12

71
Pr
Praseodymium
140.91

72
Nd
Neodymium
144.24

73
Pm
Promethium
(145)

74
Sm
Samarium
150.36

75
Eu
Europium
151.96

76
Gd
Gadolinium
157.25

77
Tb
Terbium
158.93

78
Dy
Dysprosium
162.50

79
Ho
Holmium
164.93

80
Er
Erbium
167.26

81
Tm
Thulium
168.93

82
Yb
Ytterbium
173.04

83
Lu
Lutetium
174.97

84
Th
Thorium
232.04

85
Pa
Protactinium
231.04

86
U
Uranium
238.03

87
Np
Neptunium
(237)

88
Pu
Plutonium
(244)

89
Am
Americium
(243)

90
Cm
Curium
(247)

91
Bk
Berkelium
(247)

92
Cf
Californium
(251)

93
Es
Einsteinium
(252)

94
Fm
Fermium
(257)

95
Md
Mendelevium
(258)

96
No
Nobelium
(259)

97
Lr
Lawrencium
(262)

KEY

79

Au

Gold

196.97

Atomic number

Symbol

Element name

Average atomic mass*

* Numbers within parentheses refer to the atomic mass of the most stable isotope.