

Periodic Table of Elements

1

IA

1

1.008

1.1

1

H

Hydrogen

1s¹

2

IIA

3

6.94

1.82

1

Li

Lithium

[He]2s¹

4

9.012

1.53

2

Be

Beryllium

[He]2s²

5

10.81

1.92

3

B

Boron

[He]2s²2p¹

6

12.011

1.7

4

C

Carbon

[He]2s²2p²

7

14.007

1.55

5

N

Nitrogen

[He]2s²2p³

8

15.999

1.52

6

O

Oxygen

[He]2s²2p⁴

9

18.998

1.47

7

F

Fluorine

[He]2s²2p⁵

10

20.180

1.54

8

Ne

Neon

[He]2s²2p⁶

11

22.990

2.27

1

Na

Sodium

[Ne]3s¹

12

24.305

1.73

2

Mg

Magnesium

[Ne]3s²

13

26.982

1.84

3

Al

Aluminium

[Ne]3s²3p¹

14

28.085

2.1

4

Si

Silicon

[Ne]3s²3p²

15

30.974

1.8

5

P

Phosphorus

[Ne]3s²3p³

16

32.06

1.8

6

S

Sulfur

[Ne]3s²3p⁴

17

35.45

1.75

7

Cl

Chlorine

[Ne]3s²3p⁵

18

39.95

1.88

8

Ar

Argon

[Ne]3s²3p⁶

19

39.098

2.75

1

K

Potassium

[Ar]4s¹

20

40.078

2.31

2

Ca

Calcium

[Ar]4s²

21

44.956

2.15

3

Sc

Scandium

[Ar]3d¹4s²

22

47.867

2.11

4

Ti

Titanium

[Ar]3d²4s²

23

50.942

2.07

4

V

Vanadium

[Ar]3d³4s²

24

51.996

2.06

5

Cr

Chromium

[Ar]3d⁵4s¹

25

54.938

2.05

6

Mn

Manganese

[Ar]3d⁵4s²

26

55.845

2.04

6

Fe

Iron

[Ar]3d⁶4s²

27

58.933

2.0

7

Co

Cobalt

[Ar]3d⁷4s²

28

58.693

1.97

8

Ni

Nickel

[Ar]3d⁸4s²

29

63.546

1.96

9

Cu

Copper

[Ar]3d¹⁰4s¹

30

65.38

2.01

10

Zn

Zinc

[Ar]3d¹⁰4s²

31

69.723

1.87

11

Ga

Gallium

[Ar]3d¹⁰4s²4p¹

32

72.630

2.11

12

Ge

Germanium

[Ar]3d¹⁰4s²4p²

33

74.922

1.85

13

As

Arsenic

[Ar]3d¹⁰4s²4p³

34

78.971

1.9

14

Se

Selenium

[Ar]3d¹⁰4s²4p⁴

35

79.904

1.85

15

Br

Bromine

[Ar]3d¹⁰4s²4p⁵

36

83.798

2.02

16

Kr

Krypton

[Ar]3d¹⁰4s²4p⁶

37

85.468

3.03

1

Rb

Rubidium

[Kr]5s¹

38

87.62

2.49

2

Sr

Strontium

[Kr]5s²

39

88.906

2.32

3

Y

Yttrium

[Kr]4d¹5s²

40

91.224

2.23

4

Zr

Zirconium

[Kr]4d²5s²

41

92.906

2.18

5

Nb

Niobium

[Kr]4d⁴5s¹

42

95.95

2.17

6

Mo

Molybdenum

[Kr]4d⁵5s¹

43

98

2.16

7

Tc

Technetium

[Kr]4d⁵5s²

44

101.07

2.13

8

Ru

Ruthenium

[Kr]4d⁷5s¹

45

102.906

2.1

9

Rh

Rhodium

[Kr]4d⁸5s¹

46

106.42

2.1

10

Pd

Palladium

[Kr]4d¹⁰

47

107.868

2.11

11

Ag

Silver

[Kr]4d¹⁰5s¹

48

112.414

2.18

12

Cd

Cadmium

[Kr]4d¹⁰5s²

49

114.818

1.93

13

In

Indium

[Kr]4d¹⁰5s²5p¹

50

118.710

2.17

14

Sn

Tin

[Kr]4d¹⁰5s²5p²

51

121.760

2.06

15

Sb

Antimony

[Kr]4d¹⁰5s²5p³

52

127.60

2.06

16

Te

Tellurium

[Kr]4d¹⁰5s²5p⁴

53

126.904

1.98

17

I

Iodine

[Kr]4d¹⁰5s²5p⁵

54

131.293

2.16

18

Xe

Xenon

[Kr]4d¹⁰5s²5p⁶

55

132.905

3.43

1

Cs

Caesium

[Xe]6s¹

56

137.327

2.68

2

Ba

Barium

[Xe]6s