

Periodensystem der Elemente/Periodic table of the elements

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1

10079

-259.14

-252.87

2.20

-1,1

1s¹

2

3

6.941

180.54

1342

0.97

1

[He] 2s¹

4

9.0122

1287

2469

1.47

2

[He] 2s²

11

22.990

97.72

883

1.01

1

[Ne] 3s¹

12

24.305

650

1090

1.23

2

[Ne] 3s²

19

39.098

63.38

759

0.91

1

[Ar] 4s¹

20

40.078

842

1484

1.04

2

[Ar] 4s²

37

85.468

39.31

688

0.89

1

[Kr] 5s¹

38

87.62

777

1382

0.99

2

[Kr] 5s²

55

132.91

28.44

671

0.86

1

[Xe] 6s¹

56

137.33

727

1897

0.97

2

[Xe] 6s²

87

*223.02

27

677

0.86

1

[Rn] 7s¹

88

*226.03

700

1737

0.97

2

[Rn] 7s²

45

102.91

1966

3727

1.5

0, 1, 2, 3, 4, 5

[Kr] 4d⁵5s¹

2

Rh

1

Ordnungszahl

2

Elementsymbol

3

Relative Atommasse

4

Schmelzpunkt (°C)

5

Siedepunkt (°C)

6

Elektronegativität (Allred, Rochow)

7

Oxidationsstufen

8

Elektronenkonfiguration

1

Atomic number

2

Element symbol

3

Relative atomic mass

4

Melting point (°C)

5

Boiling point (°C)

6

Electronegativity (Allred, Rochow)

7

Oxidation states

8

Electron configuration

Nichtmetalle
nonmetals

Halogene
halogens

Edelgase
inert gases

Erdalkalimetalle
alkaline-earth metals

Alkalimetalle
alkali metals

Übergangsmetalle
transition metals

Lanthanoide
Lanthanides

Actinoide
Actinides

Andere Metalle
other metals

Halbmetalle
semi metals

stabilstes Isotop
most stable isotope

13

10.811

2075

3927

2.01

3

[He] 2s²2p¹

14

12.011

3550

4827

2.50

-4, 2, 4

[He] 2s²2p²

15

14.007

-210

-195.8

3.07

-3, 2, 3, 4, 5

[He] 2s²2p³

16

15.999

-218.79

-182.96

3.50

-2, -1

[He] 2s²2p⁴

17

18.998

-219.62

-188.12

4.10

-1

[He] 2s²2p⁵

18

20.18

-248.59

-246.08

[He] 2s²2p⁶

13

26.982

660.32

2519

1.47

3

[Ne] 3s²3p¹

14

28.086

1414

3265

1.74

-4, 4

[Ne] 3s²3p²

15

30.974

44.15

277

2.06

-3, 3, 5

[Ne] 3s²3p³

16

32.065

115.21

444.6

2.44

-2, 2, 4, 6

[Ne] 3s²3p⁴

17

35.453

-101.5

-34.04

2.83

-1, 1, 3, 5, 7

[Ne] 3s²3p⁵

18

39.948

-189.35

-185.85

[Ne] 3s²3p⁶

31

69.723

29.76

2204

1.82

3

[Ar] 3d¹⁰4s²4p¹

32

72.64

938.25

2833

2.02

4

[Ar] 3d¹⁰4s²4p²

33

74.922

subl. 615

subl. 615

2.20

-3, 3, 5

[Ar] 3d¹⁰4s²4p³

34

78.96

221

685

2.48

-2, 4, 6

[Ar] 3d¹⁰4s²4p⁴

35

79.904

-7.3

58.8

2.74

-1, 1, 3, 5, 7

[Ar] 3d¹⁰4s²4p⁵

36

83.798

-157.36

-153.22

[Ar] 3d¹⁰4s²4p⁶

49

114.82

156.6

2072

1.49

3

[Kr] 4d¹⁰5s²5p¹

50

118.71

231.93

2602

1.72

2, 4

[Kr] 4d¹⁰5s²5p²

51

121.76

630.63

1587

1.82

-3, 3, 5

[Kr] 4d¹⁰5s²5p³

52

126.90

449.51

988

2.01

-2, 4, 6

[Kr] 4d¹⁰5s²5p⁴

53

126.90

113.7

184.3

2.21

-1, 1, 3, 5, 7

[Kr] 4d¹⁰5s²5p⁵

54

131.29

-111.7

-108.12

[Kr] 4d¹⁰5s²5p⁶

81

204.38

304

1473

1.44

1, 3

[Xe] 4f¹⁴5d¹⁰6s²6p¹

82

207.2

327.46

1749

1.55

2, 4

[Xe] 4f¹⁴5d¹⁰6s²6p²

83

208.98

271.5

1564

1.67

3, 5

[Xe] 4f¹⁴5d¹⁰6s²6p³

84

*209

254

962

1.76

2, 4, 6

[Xe] 4f¹⁴5d¹⁰6s²6p⁴

85

*209.99

302

337

1.96

-1, 1, 3, 5, 7

[Xe] 4f¹⁴5d¹⁰6s²6p⁵

86

*222.02

-71

-61.7

[Xe] 4f¹⁴5d¹⁰6s²6p⁶

57

138.91

920

3464

1.08

3

[Xe] 5d¹6s²

58

140.12

795

3443

1.08

3, 4

[Xe] 4f¹5d¹6s²

59

140.91

935

3520

1.07

3, 4

[Xe] 4f²6s²

60

144.24

1024

3074

1.07

3

[Xe] 4f³6s²

61

*144.91

1042

3000

1.07

3

[Xe] 4f⁴6s²

62

150.36

1072

1794

1.07

2, 3

[Xe] 4f⁶6s²

63

151.96

826

1529

1.01

2, 3

[Xe] 4f⁷6s²

64

157.25

1312

3273

1.11

3

[Xe] 4f⁷5d¹6s²

65

158.93

1356

3230

1.10

3, 4

[Xe] 4f⁹6s²

66

162.50

1407

2567

1.10

3

[Xe] 4f¹⁰6s²

67

164.93

1461

2720

1.10

3

[Xe] 4f¹¹6s²

68

167.26

1529

2868

1.11

3

[Xe] 4f¹²6s²

69

168.93

1545

2950

1.11

2, 3

[Xe] 4f¹³6s²

70

173.04

824

1196

1.06

2, 3

[Xe] 4f¹⁴6s²

71

174.97

1652

3402

1.14

3

[Xe] 4f¹⁴5d¹6s²

89

*227.03

1050

3198

1.00

3

[Rn] 6d¹7s²

90

*232.04

1842

4788

1.11

4

[Rn] 6d²7s²

91

*231.04

1568

4027

1.14

4, 5

[Rn] 5f²6d¹7s²

92

*238.03

1132

4131

1.22

3, 4, 5, 6

[Rn] 5f³6d¹7s²

93

*237.05

644

4000

1.22

3, 4, 5, 6

[Rn] 5f⁴6d¹7s²

94

*244.06

639.4

3228

1.22

3, 4, 5, 6

[Rn] 5f⁶6d¹7s²

95

*243.06

1176

2607

1.20

3, 4, 5, 6

[Rn] 5f⁷6d¹7s²

96

*247.07

1340

3110

1.20

3, 4

[Rn] 5f⁷6d¹7s²

97

*247.07

1050

2607

1.20

3, 4

[Rn] 5f⁷6d¹7s²

98

*251.08

900

2607

1.20

3, 4

[Rn] 5f⁷6d¹7s²

99

*252.08

860

2607

1.20

3

[Rn] 5f⁷6d¹7s²

100

*257.1

1527

2607

1.20

3

[Rn] 5f⁷6d¹7s²

101

*258.10

827

2607

1.20

3

[Rn] 5f⁷6d¹7s²

102

*259.10

827

2607

1.20

2, 3

[Rn] 5f⁷6d¹7s²

103

*262.11

1627

2607

1.20

3

[Rn] 5f⁷6d¹7s²

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