

Periodensystem der Elemente

1

1,008

0,00(1) 2,20

1s

-259 / -253

H

Wasserstoff

3

6,94

-3,040(1) 0,97

[He] 2s¹

181 / 1347

Li

Lithium

4

9,0122

-1,79(2) 1,47

[He] 2s²

1278 / 2470

Be

Beryllium

11

22,990

-2,713(1) 1,01

[Ne] 3s¹

98 / 883

Na

Natrium

12

24,305

-2,356(2) 1,23

[Ne] 3s²

1276 / 2470

Mg

Magnesium

19

39,098

-2,925(1) 0,91

[Ar] 4s¹

98 / 883

K

Kalium

20

40,078

-2,84(2) 1,04

[Ar] 4s²

839 / 1484

Ca

Calcium

21

44,956

-2,03(3) 1,20

[Ar] 3d¹ 4s²

1541 / 2836

Sc

Scandium

22

47,867

-1,63(2) 1,32

[Ar] 3d² 4s²

1668 / 3262

Ti

Titan

23

50,942

-1,186(2) 1,45

[Ar] 3d³ 4s²

1668 / 3262

V

Vanadium

24

51,996

-0,913(2) 1,56

[Ar] 3d⁴ 4s²

1890 / 2640

Cr

Chrom

25

54,938

-1,180(2) 1,60

[Ar] 3d⁵ 4s¹

1244 / 2032

Mn

Mangan

26

55,845

-0,440(2) 1,64

[Ar] 3d⁶ 4s²

1535 / 2750

Fe

Eisen

27

58,933

-0,277(2) 1,70

[Ar] 3d⁷ 4s²

1495 / 2870

Co

Cobalt

28

58,693

-0,257(2) 1,75

[Ar] 3d⁸ 4s²

1453 / 2732

Ni

Nickel

29

63,546

0,340(2) 1,75

[Ar] 3d⁹ 4s¹

1083 / 2595

Cu

Kupfer

30

65,38

-0,763(2) 1,66

[Ar] 3d¹⁰ 4s¹

420 / 907

Zn

Zink

31

69,723

-0,529(3) 1,82

[Ar] 3d¹⁰ 4s² 4p¹

20 / 2403

Ga

Galium

32

72,63

-0,036(4) 2,02

[Ar] 3d¹⁰ 4s² 4p²

937 / 2830

Ge

Germanium

33

74,922

0,240(3) 2,20

[Ar] 3d¹⁰ 4s² 4p³

817 / 615 subtl.

As

Arsen

34

78,96

-0,40(2) 2,48

[Ar] 3d¹⁰ 4s² 4p⁴

217 / 685

Se

Selen

35

79,904

1,065(-1) 2,74

[Ar] 3d¹⁰ 4s² 4p⁵

-7 / 59

Br

Brom

36

83,798

2,94

[Ar] 3d¹⁰ 4s² 4p⁶

-157 / -153

Kr

Krypton

37

85,468

-2,924(1) 0,89

[Kr] 4s¹

39 / 688

Rb

Rubidium

38

87,62

-2,89 0,99

[Kr] 4s²

769 / 1384

Sr

Strontium

39

88,906

-2,37(3) 1,11

[Kr] 4d¹ 5s²

1522 / 3338

Y

Yttrium

40

91,224

-1,55(4) 1,22

[Kr] 4d² 5s²

1852 / 4377

Zr

Zirkonium

41

92,906

-1,099(3) 1,23

[Kr] 4d³ 5s²

2468 / 4928

Nb

Niob

42

95,962

-0,20(3) 1,30

[Kr] 4d⁴ 5s²

2617 / 4825

Mo

Molybdän

43

98,906

0,28(4) 1,36

[Kr] 4d⁵ 5s¹

2172 / 4877

Tc

Technetium

44

101,07

0,623(3) 1,45

[Kr] 4d⁶ 5s²

2310 / 3900

Ru

Ruthenium

45

102,91

-0,76(3) 1,45

[Kr] 4d⁷ 5s²

1966 / 2730

Rh

Rhodium

46

106,42

0,915(2) 1,42

[Kr] 4d⁸ 5s¹

1554 / 3140

Pd

Palladium

47

107,87

0,779(1) 1,42

[Kr] 4d⁹ 5s¹

962 / 2163

Ag

Silber

48

112,41

-0,403(2) 1,46

[Kr] 4d¹⁰ 5s¹

321 / 765

Cd

Cadmium

49

114,82

-0,343(3) 1,49

[Kr] 4d¹⁰ 5s² 5p¹

157 / 2080

In

Indium

50

118,71

-0,137(2) 1,72

[Kr] 4d¹⁰ 5s² 5p²

232 B / 2687

Sn

Zinn

51

121,76

0,150(3) 2,21

[Kr] 4d¹⁰ 5s² 5p³

631 A / 1635

Sb

Antimon

52

127,60

-0,69(-2) 2,01

[Kr] 4d¹⁰ 5s² 5p⁴

450 / 990

Te

Tellur

53

126,90

0,536(-1) 2,21

[Kr] 4d¹⁰ 5s^{2</}