

# PERIODENSYSTEM DER ELEMENTE

1 Wasserstoff <b>H</b> 1																	18 Helium <b>He</b> 2
2 Lithium <b>Li</b> 3	2 Beryllium <b>Be</b> 4											13 Bor <b>B</b> 5	14 Kohlenstoff <b>C</b> 6	15 Stickstoff <b>N</b> 7	16 Sauerstoff <b>O</b> 8	17 Fluor <b>F</b> 9	18 Neon <b>Ne</b> 10
3 Natrium <b>Na</b> 11	4 Magnesium <b>Mg</b> 12	3	4 Titan <b>Ti</b> 22	5 Vanadium <b>V</b> 23	6 Chrom <b>Cr</b> 24	7 Mangan <b>Mn</b> 25	8 Eisen <b>Fe</b> 26	9 Kobalt <b>Co</b> 27	10 Nickel <b>Ni</b> 28	11 Kupfer <b>Cu</b> 29	12 Zink <b>Zn</b> 30	13 Alluminium <b>Al</b> 13	14 Silicium <b>Si</b> 14	15 Phosphor <b>P</b> 15	16 Schwefel <b>S</b> 16	17 Chlor <b>Cl</b> 17	18 Argon <b>Ar</b> 18
19 Kalium <b>K</b> 19	20 Calcium <b>Ca</b> 20	21 Scandium <b>Sc</b> 21	22 Titan <b>Ti</b> 22	23 Vanadium <b>V</b> 23	24 Chrom <b>Cr</b> 24	25 Mangan <b>Mn</b> 25	26 Eisen <b>Fe</b> 26	27 Kobalt <b>Co</b> 27	28 Nickel <b>Ni</b> 28	29 Kupfer <b>Cu</b> 29	30 Zink <b>Zn</b> 30	31 Gallium <b>Ga</b> 31	32 Germanium <b>Ge</b> 32	33 Arsen <b>As</b> 33	34 Selen <b>Se</b> 34	35 Brom <b>Br</b> 35	36 Krypton <b>Kr</b> 36
37 Rubidium <b>Rb</b> 37	38 Strontium <b>Sr</b> 38	39 Yttrium <b>Y</b> 39	40 Zirkonium <b>Zr</b> 40	41 Niob <b>Nb</b> 41	42 Molybdän <b>Mo</b> 42	43 Technetium <b>Tc</b> 43	44 Ruthenium <b>Ru</b> 44	45 Rhodium <b>Rh</b> 45	46 Palladium <b>Pd</b> 46	47 Silber <b>Ag</b> 47	48 Cadmium <b>Cd</b> 48	49 Indium <b>In</b> 49	50 Zinn <b>Sn</b> 50	51 Antimon <b>Sb</b> 51	52 Tellur <b>Te</b> 52	53 Iod <b>I</b> 53	54 Xenon <b>Xe</b> 54
55 Caesium <b>Cs</b> 55	56 Barium <b>Ba</b> 56	57-71 * La-Lu	72 Hafnium <b>Hf</b> 72	73 Tantal <b>Ta</b> 73	74 Wolfram <b>W</b> 74	75 Rhenium <b>Re</b> 75	76 Osmium <b>Os</b> 76	77 Iridium <b>Ir</b> 77	78 Platin <b>Pt</b> 78	79 Gold <b>Au</b> 79	80 Quecksilber <b>Hg</b> 80	81 Thallium <b>Tl</b> 81	82 Blei <b>Pb</b> 82	83 Bismut <b>Bi</b> 83	84 Polonium <b>Po</b> 84	85 Astat <b>At</b> 85	86 Radon <b>Rn</b> 86
87 Francium <b>Fr</b> 87	88 Radium <b>Ra</b> 88	89-103 ** Ac-Lr	104 Rutherfordium <b>Rf</b> 104	105 Dubnium <b>Db</b> 105	106 Seaborgium <b>Sg</b> 106	107 Bohrium <b>Bh</b> 107	108 Hassium <b>Hs</b> 108	109 Meitnerium <b>Mt</b> 109	110 Darmstadtium <b>Ds</b> 110	111 Röntgenium <b>Rg</b> 111	112 Copernicium <b>Cn</b> 112	113 Nihonium <b>Nh</b> 113	114 Flerovium <b>Fl</b> 114	115 Moscovium <b>Mc</b> 115	116 Livermorium <b>Lv</b> 116	117 Tennes <b>Ts</b> 117	118 Oganesson <b>Og</b> 118
Lanthanoide*		57 Lanthan <b>La</b> 57	58 Cer <b>Ce</b> 58	59 Praseodym <b>Pr</b> 59	60 Neodym <b>Nd</b> 60	61 Promethium <b>Pm</b> 61	62 Samarium <b>Sm</b> 62	63 Europium <b>Eu</b> 63	64 Gadolinium <b>Gd</b> 64	65 Terbium <b>Tb</b> 65	66 Dysprosium <b>Dy</b> 66	67 Holmium <b>Ho</b> 67	68 Erbium <b>Er</b> 68	69 Thulium <b>Tm</b> 69	70 Ytterbium <b>Yb</b> 70	71 Lutetium <b>Lu</b> 71	
Actinoide**		89 Actinium <b>Ac</b> 89	90 Thorium <b>Th</b> 90	91 Protactinium <b>Pa</b> 91	92 Uran <b>U</b> 92	93 Neptunium <b>Np</b> 93	94 Plutonium <b>Pu</b> 94	95 Americium <b>Am</b> 95	96 Curium <b>Cm</b> 96	97 Berkelium <b>Bk</b> 97	98 Californium <b>Cf</b> 98	99 Einsteinium <b>Es</b> 99	100 Fermium <b>Fm</b> 100	101 Mendelevium <b>Md</b> 101	102 Nobelium <b>No</b> 102	103 Lawrencium <b>Lr</b> 103	