

# Periodensystem der Elemente

	I	II														IIIb	IVb	Vb	VIb	VIIb	VIIIb			Ib	IIb	III	IV	V	VI	VII	VIII	Schale Haupt- quan- tenzahl n	
	1	2														3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1	1 1H Wasserstoff																4 2He Helium	K n = 1															
2	7 3Li Lithium	9 4Be Beryllium														11 5B Bor	12 6C Kohlenstoff	14 7N Stickstoff	16 8O Sauerstoff	19 9F Fluor	20 10Ne Neon	L n = 2											
3	23 11Na Natrium	24 12Mg Magnesium														27 13Al Aluminium	28 14Si Silicium	31 15P Phosphor	32 16S Schwefel	35 17Cl Chlor	40 18Ar Argon	M n = 3											
4	39 19K Kalium	40 20Ca Calcium														Nebengruppen						69 31Ga Gallium	74 32Ge Germanium	75 33As Arsen	80 34Se Selen	79 35Br Brom	84 36Kr Krypton	N n = 4					
5	85 37Rb Rubidium	88 38Sr Strontium	Lanthanoide und Actinoide													89 39Y Yttrium	90 40Zr Zirkonium	93 41Nb Niob	98 42Mo Molybdän	(98)* 43Tc Technetium	102 44Ru Ruthenium	103 45Rh Rhodium	106 46Pd Palladium	107 47Ag Silber	114 48Cd Cadmium	115 49In Indium	120 50Sn Zinn	121 51Sb Antimon	130 52Te Tellur	127 53I Iod	132 54Xe Xenon	O n = 5	
6	133 55Cs Caesium	138 56Ba Barium	139 57La Lanthan	140 58Ce Cer	141 59Pr Praseodym	144 60Nd Neodym	(147)* 61Pm Promethium	152 62Sm Samarium	153 63Eu Europium	158 64Gd Gadolinium	159 65Tb Terbium	164 66Dy Dysprosium	165 67Ho Holmium	166 68Er Erbium	169 69Tm Thulium	174 70Yb Ytterbium	175 71Lu Lutetium	180 72Hf Hafnium	181 73Ta Tantal	184 74W Wolfram	187 75Re Rhenium	192 76Os Osmium	193 77Ir Iridium	195 78Pt Platin	197 79Au Gold	202 80Hg Quecksilber	205 81Tl Thallium	208 82Pb Blei	209 83Bi Wismut	(209)* 84Po Polonium	(210)* 85At Astat	(222)* 86Rn Radon	P n = 6
7	(223)* 87Fr Francium	(226)* 88Ra Radium	(227)* 89Ac Actinium	(232)* 90Th Thorium	(231)* 91Pa Protactinium	(238)* 92U Uran	(237)* 93Np Neptunium	(244)* 94Pu Plutonium	(243)* 95Am Americium	(247)* 96Cm Curium	(247)* 97Bk Berkelium	(251)* 98Cf Californium	(252)* 99Es Einsteinium	(257)* 100Fm Fermium	(258)* 101Md Mendelevium	(259)* 102No Nobelium	(260)* 103Lr Lawrencium	(261)* 104Rf Rutherfordium	(262)* 105Db Dubnium	(263)* 106Sg Seaborgium	(264)* 107Bh Bohrium	(267)* 108Hs Hassium	(268)* 109Mt Meitnerium									Q n = 7	

## Nebengruppen

## Lanthanoide und Actinoide