



Periodensystem der Elemente



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1	IA 1	2	IIA 2	3	III B 3	4	IV B 4	5	V B 5	6	VI B 6	7	VII B 7	8	VIII B 8, 9, 10	11	IB 11	12	II B 12	13	IIIA 13	14	IVA 14	15	V A 15	16	VI A 16	17	VII A 17	18	VIII A 18
1	H Wasserstoff 1,0079																													He Helium 4,0026	
2	Li Lithium 6,941	Be Beryllium 9,0122																				B Bor 10,811	C Kohlenstoff 12,011	N Stickstoff 14,007	O Sauerstoff 15,999	F Fluor 18,998	Ne Neon 20,18				
3	Na Natrium 22,99	Mg Magnesium 24,305																				Al Aluminium 26,982	Si Silicium 28,086	P Phosphor 30,974	S Schwefel 32,065	Cl Chlor 35,453	Ar Argon 39,948				
4	K Kalium 39,098	Ca Calcium 40,078	Sc Scandium 44,956	Ti Titan 47,867	V Vanadium 50,942	Cr Chrom 51,996	Mn Mangan 54,938	Fe Eisen 55,845	Co Cobalt 58,933	Ni Nickel 58,693	Cu Kupfer 63,546	Zn Zink 65,38									Ga Gallium 69,723	Ge Germanium 72,64	As Arsen 74,922	Se Selen 78,96	Br Brom 79,904	Kr Krypton 83,798					
5	Rb Rubidium 85,468	Sr Strontium 87,62	Y Yttrium 88,906	Zr Zirkon 91,224	Nb Niobium 92,906	Mo Molybdän 95,96	Tc Technetium [97,90]	Ru Ruthenium 101,07	Rh Rhodium 102,91	Pd Palladium 106,42	Ag Silber 107,87	Cd Cadmium 112,41									In Indium 114,82	Sn Zinn 118,71	Sb Antimon 121,76	Te Tellur 127,6	I Iod 126,9	Xe Xenon 131,29					
6	Cs Cäsium 132,91	Ba Barium 137,33	57 - 71 La - Lu	Hf Hafnium 178,49	Ta Tantal 180,95	W Wolfram 183,84	Re Rhenium 186,21	Os Osmium 190,23	Ir Iridium 192,22	Pt Platin 195,08	Au Gold 196,97	Hg Quecksilber 200,59									Tl Thallium 204,38	Pb Blei 207,2	Bi Bismut 208,98	Po Polonium [208,9]	At Astat [209,9]	Rn Radon [222]					
7	Fr Francium [223,0]	Ra Radium [226,0]	89 - 103 Ac - Lr	Rf Rutherfordium [261,1]	Db Dubnium [262,1]	Sg Seaborgium [266,1]	Bh Bohrium [264,1]	Hs Hassium [269,1]	Mt Meitnerium [268,1]	Ds Darmstadtium [272,1]	Rg Röntgenium [272,1]	Cn Copernicium [277]									Uut Ununtrium [284]	Fl Flerovium [289]	Uup Ununpentium [288]	Lv Livermorium [292]	Uus Ununseptium [292]	Uuo Ununoctium [294]					

Alkalimetall
 Erdalkalimetall
 Übergangsmetall
 Lanthanoid
 Actinoid
 Halbmetall
 Metalloid
 Nichtmetall
 --Halogen
 --Edelgas

Li--- feste Elemente
H--- Gasförmige Elemente
Hg--- Flüssige Elemente (25°C; 101 kPa)
U--- Radioaktive Elemente

Ordnungszahl --- 13
 Elementsymbol --- **Al**
 Elementname --- Aluminium
 relative Atommasse (Gewicht) --- 26,98

innere Übergangsmetalle

57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	
Lanthanoide	La Lanthan 138,91	Ce Cer 140,12	Pr Praseodym 140,91	Nd Neodym 144,24	Pm Promethium [144,9]	Sm Samarium 150,36	Eu Europium 151,96	Gd Gadolinium 157,25	Tb Terbium 158,93	Dy Dysprosium 162,5	Ho Holmium 164,93	Er Erbium 167,26	Tm Thulium 168,93	Yb Ytterbium 173,05	Lu Lutetium 174,97
Actinoide	Ac Actinium [227,0]	Th Thorium 232,04	Pa Protactinium 231,04	U Uran 238,03	Np Neptunium [237,0]	Pu Plutonium [244,0]	Am Americium [243,0]	Cm Curium [247,0]	Bk Berkelium [247,0]	Cf Californium [251,0]	Es Einsteinium [252,0]	Fm Fermium [257,0]	Md Mendelevium [258,0]	No Nobelium [259,1]	Lr Lawrencium [262,1]