

PTA heute

– Merkblatt: Periodensystem

1 H Wasserstoff 1.00794	2 He Helium 4.002602	3 Li Lithium 6.941	4 Be Beryllium 9.012182	5 B Bor 10.811	6 C Kohlenstoff 12.0107	7 N Stickstoff 14.00674	8 O Sauerstoff 15.9994	9 F Fluor 18.9984032	10 Ne Neon 20.1797	11 Na Natrium 22.989770	12 Mg Magnesium 24.3050	13 Al Aluminium 26.981538	14 Si Silicium 28.0855	15 P Phosphor 30.973761	16 S Schwefel 32.0656	17 Cl Chlor 35.453	18 Ar Argon 39.948	19 K Kalium 39.0983	20 Ca Calcium 40.078	21 Sc Scandium 44.955910	22 Ti Titan 47.867	23 V Vanadium 50.9415	24 Cr Chrom 51.9961	25 Mn Mangan 54.938049	26 Fe Eisen 55.8457	27 Co Cobalt 58.933200	28 Ni Nickel 58.6934	29 Cu Kupfer 63.546	30 Zn Zink 65.409	31 Ga Gallium 69.723	32 Ge Germanium 72.64	33 As Arsen 74.92160	34 Se Selen 78.96	35 Br Brom 79.904	36 Kr Krypton 83.798	37 Rb Rubidium 85.4678	38 Sr Strontium 87.62	39 Y Yttrium 88.90585	40 Zr Zirkonium 91.224	41 Nb Niob 92.90638	42 Mo Molybdän 95.94	43 Tc Technetium (98)	44 Ru Ruthenium 101.07	45 Rh Rhodium 102.90550	46 Pd Palladium 106.42	47 Ag Silber 107.8682	48 Cd Cadmium 112.411	49 In Indium 114.818	50 Sn Zinn 118.710	51 Sb Antimon 121.760	52 Te Tellur 127.60	53 I Iod 126.90447	54 Xe Xenon 131.293	55 Cs Cäsium 132.90545	56 Ba Barium 137.327	57 La Lanthan 138.9055	58 Ce Cer 140.116	59 Pr Praseodym 140.90765	60 Nd Neodym 144.24	61 Pm Promethium (145)	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.92534	66 Dy Dysprokium 162.500	67 Ho Holmium 164.93032	68 Er Erbium 167.259	69 Tm Thulium 168.93421	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.967	72 Rf Rutherfordium (261)	73 Ta Tantal 180.9479	74 W Wolfram 183.84	75 Re Rhenium 186.207	76 Os Osmium 190.23	77 Ir Iridium 192.217	78 Pt Platin 195.078	79 Au Gold 196.96655	80 Hg Quecksilber 200.59	81 Tl Thallium 204.3833	82 Pb Blei 207.2	83 Bi Bismut 208.98038	84 Po Polonium (209)	85 At Astat (210)	86 Rn Radon (222)	87 Fr Francium (223)	88 Ra Radium (226)	89 Ac Actinium (227)	90 Th Thorium 232.0381	91 Pa Protactinium 231.03588	92 U Uran 238.02891	93 Np Neptunium (237)	94 Pu Plutonium (244)	95 Am Americium (243)	96 Cm Curium (247)	97 Bk Berkelium (247)	98 Cf Californium (251)	99 Es Einsteinium (252)	100 Fm Fermium (257)	101 Md Mendelevium (258)	102 No Nobelium (259)	103 Lr Lawrencium (262)	104 Rf Rutherfordium (261)	105 Db Dubnium (262)	106 Sg Seaborgium (266)	107 Bh Bohrium (264)	108 Hs Hassium (269)	109 Mt Meitnerium (268)	110 Ds Darmstadtium (271)	111 Rg Roentgenium (272)	112 Cn Copernicium (285)	113 Uut Ununtrium (284)	114 Fl Flerovium (289)	115 Uup Ununpentium (288)	116 Lv Livermorium (292)	117 Uus Ununseptium (292)	118 Uuo Ununoctium (294)
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- Alkalimetalle
 - Erdalkalimetalle
 - Übergangsmetalle
 - Lanthanoide
 - Actinoide
 - Metalle
 - Nichtmetalle
 - Halbmetalle
 - Edeligase
 - unbekannt
- Feste Elemente – **Li**
- Gasförmige Elemente – **H**
- Flüssige Elemente (20°C) – **Hg**
- Radioaktive Elemente – **Rf**

20	Ca
Elementsymbol	Calcium
Elementname	Calcium
Rel. Atommasse	40.078

Hinweis: Sollten in Zukunft weitere Elemente hinzukommen, würden diese eine achte Periode eröffnen.