

Periodická tabulka prvků (IUPAC 28/11/2016)

IUPAC Periodic Table of the Elements

1 H hydrogen 1.008 (1.00784, 1.00811)																	18 He helium 4.0026				
3 Li lithium 6.94 (6.938, 6.941)		4 Be beryllium 9.0122														5 B boron 10.81 (10.806, 10.811)	6 C carbon 12.011 (12.009, 12.011)	7 N nitrogen 14.007 (14.006, 14.009)	8 O oxygen 15.999 (15.989, 16.003)	9 F fluorine 18.998	10 Ne neon 20.180
11 Na sodium 22.990	12 Mg magnesium 24.304 (24.304, 24.307)													13 Al aluminium 26.982	14 Si silicon 28.086 (28.084, 28.089)	15 P phosphorus 30.974	16 S sulfur 32.06 (32.059, 32.071)	17 Cl chlorine 35.45 (35.446, 35.457)	18 Ar argon 39.948		
19 K potassium 39.098	20 Ca calcium 40.078(4)	21 Sc scandium 44.956	22 Ti titanium 47.887	23 V vanadium 50.942	24 Cr chromium 51.996	25 Mn manganese 54.938	26 Fe iron 55.845(2)	27 Co cobalt 58.933	28 Ni nickel 58.693	29 Cu copper 63.546(3)	30 Zn zinc 65.38(2)	31 Ga gallium 69.723	32 Ge germanium 72.630(2)	33 As arsenic 74.922	34 Se selenium 78.9718	35 Br bromine 79.904 (79.901, 79.907)	36 Kr krypton 83.798(2)				
37 Rb rubidium 85.468	38 Sr strontium 87.62	39 Y yttrium 88.906	40 Zr zirconium 91.224(2)	41 Nb niobium 92.906	42 Mo molybdenum 95.94	43 Tc technetium	44 Ru ruthenium 101.07(2)	45 Rh rhodium 101.07	46 Pd palladium 106.42	47 Ag silver 107.867	48 Cd cadmium 112.411	49 In indium 114.82	50 Sn tin 118.710	51 Sb antimony 121.757	52 Te tellurium 127.6(3)	53 I iodine 126.905 (126.904, 126.906)	54 Xe xenon 131.29				
55 Cs caesium 132.91	56 Ba barium 137.327	57-71 lanthanoids	72 Hf hafnium 178.49(2)	73 Ta tantalum 180.948	74 W tungsten 183.84	75 Re rhenium 186.207	76 Os osmium 190.23(2)	77 Ir iridium 192.22	78 Pt platinum 195.084	79 Au gold 196.967	80 Hg mercury 200.59 (200.58, 200.59)	81 Tl thallium 204.38 (204.37, 204.39)	82 Pb lead 207.2	83 Bi bismuth 208.98	84 Po polonium	85 At astatine	86 Rn radon				
87 Fr francium	88 Ra radium	89-103 actinoids	104 Rf rutherfordium	105 Db dubnium	106 Sg seaborgium	107 Bh bohrium	108 Hs hassium	109 Mt meitnerium	110 Ds darmstadtium	111 Rg roentgenium	112 Cn copernicium	113 Nh nihonium	114 Fl flerovium	115 Mc moscovium	116 Lv livermorium	117 Ts tennessine	118 Og oganeson				

57 La lanthanum 138.91	58 Ce cerium 140.12	59 Pr praseodymium 140.91	60 Nd neodymium 144.24	61 Pm promethium	62 Sm samarium 150.36(2)	63 Eu europium 151.964	64 Gd gadolinium 157.25(2)	65 Tb terbium 158.925	66 Dy dysprosium 162.50	67 Ho holmium 164.930	68 Er erbium 167.259	69 Tm thulium 168.934	70 Yb ytterbium 173.054	71 Lu lutetium 174.967
89 Ac actinium	90 Th thorium 232.04	91 Pa protactinium 231.04	92 U uranium 238.03	93 Np neptunium	94 Pu plutonium	95 Am americium	96 Cm curium	97 Bk berkelium	98 Cf californium	99 Es einsteinium	100 Fm fermium	101 Md mendelevium	102 No nobelium	103 Lr lawrencium



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Názvy a značky prvků (Z = 93–118)

93. neptunium, Np, named after the planet Neptune, as it follows uranium and Neptune follows Uranus in the planetary sequence (1940).

94. plutonium, Pu, named after the dwarf planet Pluto, following the same naming rule as it follows neptunium (1940).

95. americium, Am, named after the Americas - it is an analog to europium (1944).

96. curium, Cm, named after the scientists Pierre and Marie Curie (1944).

97. berkelium, Bk, named after the city of Berkeley (1949).

98. californium, Cf, named after the state and University of California (1950).

99. einsteinium, Es, named after the theoretical physicist Albert Einstein (1952).

100. fermium, Fm, named after the scientist Enrico Fermi (1952).

101. mendelevium, Md, named after the Russian chemist Dmitri Mendeleev (1955).

Názvy a značky prvků (Z = 93–118)

102. nobelium, No, named after the scientist Alfred Nobel (1958).

103. lawrencium, Lr, named after the scientist Ernest O. Lawrence (1961).

104. rutherfordium, Rf, named after the scientist Ernest Rutherford (1964).

105. dubnium, Db, an element that is named after the city of Dubna. Originally named "hahnium" in honor of Otto Hahn (1970) but renamed by the International Union of Pure and Applied Chemistry.

106. seaborgium, Sg, named after Glenn T. Seaborg (1974).

107. bohrium, Bh, named after the Danish scientist Niels Bohr (1981).

108. hassium, Hs, named after the Latin form of the name of Hessen, the German Bundesland (1984).

109. meitnerium, Mt, named after the scientist Lise Meitner (1982).

110. darmstadtium, Ds, named after the city of Darmstadt, Germany (1994).

111. roentgenium, Rg, named after the scientist Wilhelm Conrad Röntgen (1994).

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112. copernicium, Cn, named after the astronomer Nicolaus Copernicus (1996).

113. nihonium, Nh, named after Japan (*Nihon* in Japanese) where the element was discovered. (2004).

114. flerovium, Fl, named after the Flerov Laboratory of Nuclear Reactions, Russia. (2004).

115. moscovium, Mc, named after the Moscow region of Russia. (2004).

116. livermorium, Lv, named after the Lawrence Livermore National Laboratory, USA (2004).

117. tennessine, Ts, named after the state of Tennessee, USA (2004).

118. oganesson, Og, named after the scientist Yuri Oganessian (2006).

<https://iupac.org/iupac-announces-the-names-of-the-elements-113-115-117-and-118/>