

# Periodická tabulka prvků

1.0 Vodík <b>1H</b> 1s1	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <math>A_r</math>  čes. název  <b>zSymbol</b>  (skupenství)  elektronová  konfigurace </div>																4.0 Helium <b>2He</b> 1s2											
6.9 Lithium <b>3Li</b> [He] 2s1	9.0 Beryllium <b>4Be</b> [He] 2s2													10.8 Bor <b>5B</b> [He] 2s2 2p1	12.0 Uhlík <b>6C</b> [He] 2s2 2p2	14.0 Dusík <b>7N</b> [He] 2s2 2p3	16.0 Kyslík <b>8O</b> [He] 2s2 2p4	19.0 Fluor <b>9F</b> [He] 2s2 2p5	20.2 Neon <b>10Ne</b> [He] 2s2 2p6									
23.0 Sodík <b>11Na</b> [Ne] 3s1	24.3 Hořčík <b>12Mg</b> [Ne] 3s2													27.0 Hliník <b>13Al</b> [Ne] 3s2 3p1	28.1 Křemík <b>14Si</b> [Ne] 3s2 3p2	31.0 Fosfor <b>15P</b> [Ne] 3s2 3p3	32.1 Síra <b>16S</b> [Ne] 3s2 3p4	35.5 Chlor <b>17Cl</b> [Ne] 3s2 3p5	39.9 Argon <b>18Ar</b> [Ne] 3s2 3p6									
39.1 Draslík <b>19K</b> [Ar] 4s1	40.1 Vápník <b>20Ca</b> [Ar] 4s2	45.0 Skandium <b>21Sc</b> [Ar] 3d1 4s2	47.9 Titan <b>22Ti</b> [Ar] 3d2 4s2	50.9 Vanad <b>23V</b> [Ar] 3d3 4s2	52.0 Chrom <b>24Cr</b> [Ar] 3d5 4s1	54.9 Mangan <b>25Mn</b> [Ar] 3d5 4s2	55.8 Železo <b>26Fe</b> [Ar] 3d6 4s2	58.9 Kobalt <b>27Co</b> [Ar] 3d7 4s2	58.7 Nikl <b>28Ni</b> [Ar] 3d8 4s2	63.5 Měď <b>29Cu</b> [Ar] 3d10 4s1	65.4 Zinek <b>30Zn</b> [Ar] 3d10 4s2	69.7 Gallium <b>31Ga</b> [Ar] 3d10 4s2 4p1	72.6 Germanium <b>32Ge</b> [Ar] 3d10 4s2 4p2	74.9 Arsen <b>33As</b> [Ar] 3d10 4s2 4p3	79.0 Selen <b>34Se</b> [Ar] 3d10 4s2 4p4	79.9 Brom <b>35Br</b> [Ar] 3d10 4s2 4p5	83.8 Krypton <b>36Kr</b> [Ar] 3d10 4s2 4p6											
85.5 Rubidium <b>37Rb</b> [Kr] 5s1	87.6 Stroncium <b>38Sr</b> [Kr] 5s2	88.9 Yttrium <b>39Y</b> [Kr] 4d1 5s2	91.2 Zirkonium <b>40Zr</b> [Kr] 4d2 5s2	92.9 Niob <b>41Nb</b> [Kr] 4d4 5s1	96.0 Molybden <b>42Mo</b> [Kr] 4d5 5s1	98.0 Technecium <b>43Tc</b> [Kr] 4d5 5s2	101.1 Ruthenium <b>44Ru</b> [Kr] 4d7 5s1	102.9 Rhodium <b>45Rh</b> [Kr] 4d8 5s1	106.4 Palladium <b>46Pd</b> [Kr] 4d10	107.9 Stříbro <b>47Ag</b> [Kr] 4d10 5s1	112.4 Kadmium <b>48Cd</b> [Kr] 4d10 5s2	114.8 Indium <b>49In</b> [Kr] 4d10 5s2 5p1	118.7 Cín <b>50Sn</b> [Kr] 4d10 5s2 5p2	121.8 Antimon <b>51Sb</b> [Kr] 4d10 5s2 5p3	127.6 Tellur <b>52Te</b> [Kr] 4d10 5s2 5p4	126.9 Jod <b>53I</b> [Kr] 4d10 5s2 5p5	131.3 Xenon <b>54Xe</b> [Kr] 4d10 5s2 5p6											
132.9 Cesium <b>55Cs</b> [Xe] 6s1	137.3 Baryum <b>56Ba</b> [Xe] 6s2													178.5 Hafnium <b>72Hf</b> [Xe] 4f14 5d2 6s2	180.9 Tantal <b>73Ta</b> [Xe] 4f14 5d3 6s2	183.8 Wolfram <b>74W</b> [Xe] 4f14 5d4 6s2	186.2 Rhenium <b>75Re</b> [Xe] 4f14 5d5 6s2	190.2 Osmium <b>76Os</b> [Xe] 4f14 5d6 6s2	192.2 Iridium <b>77Ir</b> [Xe] 4f14 5d7 6s2	195.1 Platina <b>78Pt</b> [Xe] 4f14 5d9 6s1	197.0 Zlato <b>79Au</b> [Xe] 4f14 5d10 6s1	200.6 Rtut <b>80Hg</b> [Xe] 4f14 5d10 6s2	204.4 Thallium <b>81Tl</b> [Xe] 4f14 5d10 6s2 6p1	207.2 Olovo <b>82Pb</b> [Xe] 4f14 5d10 6s2 6p2	209.0 Bismut <b>83Bi</b> [Xe] 4f14 5d10 6s2 6p3	209.0 Polonium <b>84Po</b> [Xe] 4f14 5d10 6s2 6p4	210.0 Astat <b>85At</b> [Xe] 4f14 5d10 6s2 6p5	222.0 Radon <b>86Rn</b> [Xe] 4f14 5d10 6s2 6p6
223.0 Francium <b>87Fr</b> [Rn] 7s1	226.0 Radium <b>88Ra</b> [Rn] 7s2	267.0 Rutherfordium <b>104Rf</b> [Rn] 5f14 6d2 7s2	268.0 Dubnium <b>105Db</b> *[Rn] 5f14 6d3 7s2	269.0 Seaborgium <b>106Sg</b> *[Rn] 5f14 6d4 7s2	270.0 Bohrium <b>107Bh</b> *[Rn] 5f14 6d5 7s2	269.0 Hassium <b>108Hs</b> *[Rn] 5f14 6d6 7s2	278.0 Meitnerium <b>109Mt</b> *[Rn] 5f14 6d7 7s2	281.0 Darmstadtium <b>110Ds</b> *[Rn] 5f14 6d9 7s1	282.0 Roentgenium <b>111Rg</b> *[Rn] 5f14 6d10 7s1	285.0 Kopernicium <b>112Cn</b> *[Rn] 5f14 6d10 7s2	286.0 Nihonium <b>113Nh</b> *[Rn] 5f14 6d10 7s2 7p1	289.0 Flerovium <b>114Fl</b> *[Rn] 5f14 6d10 7s2 7p2	289.0 Moscovium <b>115Mc</b> *[Rn] 5f14 6d10 7s2 7p3	293.0 Livermorium <b>116Lv</b> *[Rn] 5f14 6d10 7s2 7p4	294.0 Tennessin <b>117Ts</b> *[Rn] 5f14 6d10 7s2 7p5	294.0 Oganesson <b>118Og</b> *[Rn] 5f14 6d10 7s2 7p6												

138.9 Lanthan <b>57La</b> [Xe] 5d1 6s2	140.1 Cer <b>58Ce</b> [Xe] 4f1 5d1 6s2	140.9 Praseodym <b>59Pr</b> [Xe] 4f3 6s2	144.2 Neodym <b>60Nd</b> [Xe] 4f4 6s2	145.0 Promethium <b>61Pm</b> [Xe] 4f5 6s2	150.4 Samarium <b>62Sm</b> [Xe] 4f6 6s2	152.0 Europium <b>63Eu</b> [Xe] 4f7 6s2	157.3 Gadolinium <b>64Gd</b> [Xe] 4f7 5d1 6s2	158.9 Terbium <b>65Tb</b> [Xe] 4f9 6s2	162.5 Dysprosium <b>66Dy</b> [Xe] 4f10 6s2	164.9 Holmium <b>67Ho</b> [Xe] 4f11 6s2	167.3 Erbium <b>68Er</b> [Xe] 4f12 6s2	168.9 Thulium <b>69Tm</b> [Xe] 4f13 6s2	173.0 Ytterbium <b>70Yb</b> [Xe] 4f14 6s2	175.0 Lutencium <b>71Lu</b> [Xe] 4f14 5d1 6s2
227.0 Aktinium <b>89Ac</b> [Rn] 6d1 7s2	232.0 Thorium <b>90Th</b> [Rn] 6d2 7s2	231.0 Protaktinium <b>91Pa</b> [Rn] 5f2 6d1 7s2	238.0 Uran <b>92U</b> [Rn] 5f3 6d1 7s2	237.0 Neptunium <b>93Np</b> [Rn] 5f4 6d1 7s2	244.0 Plutonium <b>94Pu</b> [Rn] 5f6 7s2	243.0 Americium <b>95Am</b> [Rn] 5f7 7s2	247.0 Curium <b>96Cm</b> [Rn] 5f7 6d1 7s2	247.0 Berkelium <b>97Bk</b> [Rn] 5f9 7s2	251.0 Kalifornium <b>98Cf</b> [Rn] 5f10 7s2	252.0 Einsteinium <b>99Es</b> [Rn] 5f11 7s2	257.0 Fermium <b>100Fm</b> [Rn] 5f12 7s2	258.0 Mendelevium <b>101Md</b> [Rn] 5f13 7s2	259.0 Nobelium <b>102No</b> [Rn] 5f14 7s2	266.0 Lawrencium <b>103Lr</b> [Rn] 5f14 7s2 7p1