

# Céziium (Cs) :

Prvok I.A skupiny periodickej sústavy, patrí medzi **alkalické kovy**. Striebrolesklý mäkký kov, veľmi reaktívny.

|                      |                         |                      |                         |                       |                         |                        |                       |                         |                           |                          |                          |                        |                         |                           |                          |                         |                          |                    |                    |                   |                  |                   |                   |
|----------------------|-------------------------|----------------------|-------------------------|-----------------------|-------------------------|------------------------|-----------------------|-------------------------|---------------------------|--------------------------|--------------------------|------------------------|-------------------------|---------------------------|--------------------------|-------------------------|--------------------------|--------------------|--------------------|-------------------|------------------|-------------------|-------------------|
| 1<br>H<br>Vodík      |                         |                      |                         |                       |                         |                        |                       |                         |                           |                          |                          |                        |                         |                           |                          |                         | 2<br>He<br>Hélium        |                    |                    |                   |                  |                   |                   |
| 3<br>Li<br>Lítium    | 4<br>Be<br>Berýlium     |                      |                         |                       |                         |                        |                       |                         |                           |                          |                          |                        |                         |                           |                          |                         |                          | 5<br>B<br>Bór      | 6<br>C<br>Uhlík    | 7<br>N<br>Dusík   | 8<br>O<br>Kyslík | 9<br>F<br>Fluór   | 10<br>Ne<br>Neón  |
| 11<br>Na<br>Sodík    | 12<br>Mg<br>Horčík      |                      |                         |                       |                         |                        |                       |                         |                           |                          |                          |                        |                         |                           |                          |                         |                          | 13<br>Al<br>Hliník | 14<br>Si<br>Kremík | 15<br>P<br>Fosfor | 16<br>S<br>Síra  | 17<br>Cl<br>Chlór | 18<br>Ar<br>Argón |
| 19<br>K<br>Draslík   | 20<br>Ca<br>Vápnik      | 21<br>Sc<br>Skandium | 22<br>Ti<br>Titán       | 23<br>V<br>Vanád      | 24<br>Cr<br>Chróm       | 25<br>Mn<br>Mangán     | 26<br>Fe<br>Železo    | 27<br>Co<br>Kobalt      | 28<br>Ni<br>Nikel         | 29<br>Cu<br>Meď          | 30<br>Zn<br>Zinok        | 31<br>Ga<br>Gálium     | 32<br>Ge<br>Germánium   | 33<br>As<br>Arzén         | 34<br>Se<br>Selén        | 35<br>Br<br>Bróm        | 36<br>Kr<br>Kryptón      |                    |                    |                   |                  |                   |                   |
| 37<br>Rb<br>Rubídium | 38<br>Sr<br>Stroncium   | 39<br>Y<br>Ytrium    | 40<br>Zr<br>Zirkónium   | 41<br>Nb<br>Niób      | 42<br>Mo<br>Molybdén    | 43<br>Tc<br>Technécium | 44<br>Ru<br>Ruténium  | 45<br>Rh<br>Ródlum      | 46<br>Pd<br>Paládium      | 47<br>Ag<br>Striebro     | 48<br>Cd<br>Kadmium      | 49<br>In<br>Indium     | 50<br>Sn<br>Cín         | 51<br>Sb<br>Antimón       | 52<br>Te<br>Telúr        | 53<br>I<br>Iód          | 54<br>Xe<br>Xenón        |                    |                    |                   |                  |                   |                   |
| 55<br>Cs<br>Céziium  | 56<br>Ba<br>Bárium      | 57<br>La<br>Lantán   | 72<br>Hf<br>Hafnium     | 73<br>Ta<br>Tantal    | 74<br>W<br>Volfrám      | 75<br>Re<br>Rénium     | 76<br>Os<br>Osmium    | 77<br>Ir<br>Iridium     | 78<br>Pt<br>Platina       | 79<br>Au<br>Zlato        | 80<br>Hg<br>Ortut        | 81<br>Tl<br>Tállium    | 82<br>Pb<br>Olovo       | 83<br>Bi<br>Bismut        | 84<br>Po<br>Poiónium     | 85<br>At<br>Astat       | 86<br>Rn<br>Radón        |                    |                    |                   |                  |                   |                   |
| 87<br>Fr<br>Francium | 88<br>Ra<br>Rádium      | 89<br>Ac<br>Aktínium | 104<br>Ku<br>Kučatovium | 105<br>Db<br>Dubnium  | 106<br>Sg<br>Seaborgium | 107<br>Bh<br>Bohrium   | 108<br>Hs<br>Hassium  | 109<br>Mt<br>Meitnerium | 110<br>Ds<br>Darmstadtium | 111<br>Rg<br>Roentgenium | 112<br>Cn<br>Copernicium | 113<br>Nh<br>Ununtrium | 114<br>Fl<br>Flerovium  | 115<br>Uup<br>Ununpentium | 116<br>Lv<br>Livermorium | 117<br>Uus<br>Unseptium | 118<br>Uuo<br>Ununoctium |                    |                    |                   |                  |                   |                   |
| 58<br>Ce<br>Cér      | 59<br>Pr<br>Prazeodým   | 60<br>Nd<br>Neodým   | 61<br>Pm<br>Prométiu    | 62<br>Sm<br>Samárrium | 63<br>Eu<br>Európiu     | 64<br>Gd<br>Gadolínium | 65<br>Tb<br>Terblu    | 66<br>Dy<br>Dyspróziu   | 67<br>Ho<br>Holmium       | 68<br>Er<br>Erbium       | 69<br>Tm<br>Túlium       | 70<br>Yb<br>Yberblu    | 71<br>Lu<br>Lutécium    |                           |                          |                         |                          |                    |                    |                   |                  |                   |                   |
| 90<br>Th<br>Tórium   | 91<br>Pa<br>Proaktínium | 92<br>U<br>Urán      | 93<br>Np<br>Neptúnium   | 94<br>Pu<br>Plutónium | 95<br>Am<br>Americium   | 96<br>Cm<br>Curium     | 97<br>Bk<br>Berkélium | 98<br>Cf<br>Kalfornium  | 99<br>Es<br>Einstelium    | 100<br>Fm<br>Fermium     | 101<br>Md<br>Mendelevium | 102<br>No<br>Nobelium  | 103<br>Lr<br>Lawrencium |                           |                          |                         |                          |                    |                    |                   |                  |                   |                   |

|          |                |                        |           |                 |
|----------|----------------|------------------------|-----------|-----------------|
| Kovy     | Alkalické kovy | Kovy alkalických zemin | Polokovy  | Nekovy          |
| Halogeny | Vzácne plyny   | Lantanoidy             | Aktinoidy | Prechodné prvky |

Používa sa v zdrojoch ultrafialového žiarenia, vo fotobunkách.