

# Tabelul periodic

Categorii / grup

<div style="display: flex; justify-content: space-between;"> <div style="border: 1px solid black; padding: 5px;"> <p><b>Nr. atomic</b></p> <p><b>Simbol</b></p> <p>Nume</p> <p>Masă atomică</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p><b>Culori</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #f4a460; border: 1px solid black; margin-right: 5px;"></span> Metal alcalin</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #a4c6ff; border: 1px solid black; margin-right: 5px;"></span> Metal de tranziție</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #9999ff; border: 1px solid black; margin-right: 5px;"></span> Metaloizi</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ffcccc; border: 1px solid black; margin-right: 5px;"></span> Halogen</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ccccff; border: 1px solid black; margin-right: 5px;"></span> Lantanidă</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ffffcc; border: 1px solid black; margin-right: 5px;"></span> Metal alcalino-pământos</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ccccff; border: 1px solid black; margin-right: 5px;"></span> Metal post-tranziție</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #99ff99; border: 1px solid black; margin-right: 5px;"></span> Nemetal reactiv</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ff9999; border: 1px solid black; margin-right: 5px;"></span> Gaz nobil</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ccccff; border: 1px solid black; margin-right: 5px;"></span> Actinidă</li> </ul> </div> <div style="border: 1px solid black; padding: 5px;"> <p><b>Stare la 20 °C</b></p> <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #0000ff; border: 1px solid black; margin-right: 5px;"></span> Solid</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #00ff00; border: 1px solid black; margin-right: 5px;"></span> Lichid</li> <li><span style="display: inline-block; width: 10px; height: 10px; background-color: #ff0000; border: 1px solid black; margin-right: 5px;"></span> Gaz</li> <li><span style="display: inline-block; width: 10px; height: 10px; border: 1px dashed black; margin-right: 5px;"></span> Necunoscut</li> </ul> </div> </div>																																															
<b>1</b> H Hidrogen 1.008																	<b>2</b> He Heliu 4.0026																														
<b>3</b> Li Litiu 6.94	<b>4</b> Be Beriliu 9.0122																	<b>5</b> B Bor 10.81	<b>6</b> C Carbon 12.011	<b>7</b> N Azot 14.007	<b>8</b> O Oxigen 15.999	<b>9</b> F Fluor 18.998	<b>10</b> Ne Neon 20.180																								
<b>11</b> Na Sodiu 22.990	<b>12</b> Mg Magneziu 24.305																	<b>13</b> Al Aluminiu 26.982	<b>14</b> Si Siliciu 28.085	<b>15</b> P Fosfor 30.974	<b>16</b> S Sulf 32.06	<b>17</b> Cl Clor 35.45	<b>18</b> Ar Argon 39.948																								
<b>19</b> K Potasiu 39.098	<b>20</b> Ca Calciu 40.078	<b>21</b> Sc Scandiu 44.956	<b>22</b> Ti Titan 47.867	<b>23</b> V Vanadiu 50.942	<b>24</b> Cr Crom 51.996	<b>25</b> Mn Mangan 54.938	<b>26</b> Fe Fier 55.845	<b>27</b> Co Cobalt 58.933	<b>28</b> Ni Nichel 58.693	<b>29</b> Cu Cupru 63.546	<b>30</b> Zn Zinc 65.38	<b>31</b> Ga Galiu 69.723	<b>32</b> Ge Germaniu 72.630	<b>33</b> As Arsen 74.922	<b>34</b> Se Seleniu 78.971	<b>35</b> Br Brom 79.904	<b>36</b> Kr Kripton 83.798																														
<b>37</b> Rb Rubidiu 85.468	<b>38</b> Sr Stronțiu 87.62	<b>39</b> Y Itriu 88.906	<b>40</b> Zr Zirconiu 91.224	<b>41</b> Nb Niobiu 92.906	<b>42</b> Mo Molibden 95.95	<b>43</b> Tc Technețiu [98]	<b>44</b> Ru Ruteniu 101.07	<b>45</b> Rh Rodiu 102.91	<b>46</b> Pd Paladiu 106.42	<b>47</b> Ag Argint 107.87	<b>48</b> Cd Cadmium 112.41	<b>49</b> In Indiu 114.82	<b>50</b> Sn Staniu 118.71	<b>51</b> Sb Antimoniu 121.76	<b>52</b> Te Telur 127.60	<b>53</b> I Iod 126.90	<b>54</b> Xe Xenon 131.29																														
<b>55</b> Cs Cesiu 132.91	<b>56</b> Ba Bariu 137.33	<b>57-71</b> La-Lu Lantanide Vezi mai jos	<b>72</b> Hf Hafniu 178.49	<b>73</b> Ta Tantal 180.95	<b>74</b> W Wolfram 183.84	<b>75</b> Re Reniu 186.21	<b>76</b> Os Osmiu 190.23	<b>77</b> Ir Iridiu 192.22	<b>78</b> Pt Platină 195.08	<b>79</b> Au Aur 196.97	<b>80</b> Hg Mercur 200.59	<b>81</b> Tl Taliu 204.38	<b>82</b> Pb Plumb 207.2	<b>83</b> Bi Bismut 208.98	<b>84</b> Po Poloniu [209]	<b>85</b> At Astatin [210]	<b>86</b> Rn Radon [222]																														
<b>87</b> Fr Franciu [223]	<b>88</b> Ra Radiu [226]	<b>89-103</b> Ac-Lr Actinide Vezi mai jos	<b>104</b> Rf Rutherfordiu [267]	<b>105</b> Db Dubniu [268]	<b>106</b> Sg Seaborgiu [269]	<b>107</b> Bh Bohriu [270]	<b>108</b> Hs Hassiu [269]	<b>109</b> Mt Meitneriu [278]	<b>110</b> Ds Darmstadtium [281]	<b>111</b> Rg Roentgeniu [282]	<b>112</b> Cn Coperniciu [285]	<b>113</b> Nh Nihaniu [286]	<b>114</b> Fl Fleroviu [289]	<b>115</b> Mc Moscoviu [290]	<b>116</b> Lv Livermóriu [293]	<b>117</b> Ts Tennessee [294]	<b>118</b> Og Oganesson [294]																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>57</b> La Lantan 138.91</td> <td><b>58</b> Ce Ceriu 140.12</td> <td><b>59</b> Pr Praseodimiu 140.91</td> <td><b>60</b> Nd Neodimiu 144.24</td> <td><b>61</b> Pm Promețiu [145]</td> <td><b>62</b> Sm Samariu 150.36</td> <td><b>63</b> Eu Europiu 151.96</td> <td><b>64</b> Gd Gadolinium 157.25</td> <td><b>65</b> Tb Terbiu 158.93</td> <td><b>66</b> Dy Disprosiu 162.50</td> <td><b>67</b> Ho Holmiu 164.93</td> <td><b>68</b> Er Erbiu 167.26</td> <td><b>69</b> Tm Tuliu 168.93</td> <td><b>70</b> Yb Iterbiu 173.05</td> <td><b>71</b> Lu Lutețiu 174.97</td> </tr> <tr> <td><b>89</b> Ac Actiniu [227]</td> <td><b>90</b> Th Toriu 232.04</td> <td><b>91</b> Pa Protactiniu 231.04</td> <td><b>92</b> U Uranium 238.03</td> <td><b>93</b> Np Neptuniu [237]</td> <td><b>94</b> Pu Plutoniu [244]</td> <td><b>95</b> Am Americiu [243]</td> <td><b>96</b> Cm Curiu [247]</td> <td><b>97</b> Bk Berkeliu [247]</td> <td><b>98</b> Cf Californiu [251]</td> <td><b>99</b> Es Einsteinium [252]</td> <td><b>100</b> Fm Fermiu [257]</td> <td><b>101</b> Md Mendeleviu [258]</td> <td><b>102</b> No Nobelium [259]</td> <td><b>103</b> Lr Lawrencium [266]</td> </tr> </table>																		<b>57</b> La Lantan 138.91	<b>58</b> Ce Ceriu 140.12	<b>59</b> Pr Praseodimiu 140.91	<b>60</b> Nd Neodimiu 144.24	<b>61</b> Pm Promețiu [145]	<b>62</b> Sm Samariu 150.36	<b>63</b> Eu Europiu 151.96	<b>64</b> Gd Gadolinium 157.25	<b>65</b> Tb Terbiu 158.93	<b>66</b> Dy Disprosiu 162.50	<b>67</b> Ho Holmiu 164.93	<b>68</b> Er Erbiu 167.26	<b>69</b> Tm Tuliu 168.93	<b>70</b> Yb Iterbiu 173.05	<b>71</b> Lu Lutețiu 174.97	<b>89</b> Ac Actiniu [227]	<b>90</b> Th Toriu 232.04	<b>91</b> Pa Protactiniu 231.04	<b>92</b> U Uranium 238.03	<b>93</b> Np Neptuniu [237]	<b>94</b> Pu Plutoniu [244]	<b>95</b> Am Americiu [243]	<b>96</b> Cm Curiu [247]	<b>97</b> Bk Berkeliu [247]	<b>98</b> Cf Californiu [251]	<b>99</b> Es Einsteinium [252]	<b>100</b> Fm Fermiu [257]	<b>101</b> Md Mendeleviu [258]	<b>102</b> No Nobelium [259]	<b>103</b> Lr Lawrencium [266]
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