

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(D7B35B) Hex(D7AD46) Hex(D7A730) Hex(D7A01B) Hex(D79A05) Hex(D79900)**

|             | Hex(D7B35B)   | Hex(D7AD46)   | Hex(D7A730)   | Hex(D7A01B)   | Hex(D79A05)   | Hex(D79900)   |
|-------------|---|---|---|---|---|---|
| Hex(D7B35B) |   | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.17</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.23</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.24</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(D7AD46) | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.17</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.18</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(D7A730) | <a href="#">Ratio: 1.11</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.06</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.12</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(D7A01B) | <a href="#">Ratio: 1.17</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.06</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.06</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(D79A05) | <a href="#">Ratio: 1.23</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.17</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.11</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.05</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(D79900) | <a href="#">Ratio: 1.24</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.18</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.12</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.06</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.01</a><br><a href="#">Failed<sup>5</sup></a> |   |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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