

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

**Hex(A74C52) Hex(A73B42) Hex(A72B33) Hex(A71A23) Hex(A70914) Hex(A7000B)**

| <b>Hex(A74C52)</b> |                                                    | <a href="#">Ratio: 1.13</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.25</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.35</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.41</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.43</a><br>Failed <sup>5</sup> |
|--------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| <b>Hex(A73B42)</b> | <a href="#">Ratio: 1.13</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.10</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.19</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.24</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.26</a><br>Failed <sup>5</sup> |
| <b>Hex(A72B33)</b> | <a href="#">Ratio: 1.25</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.10</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.08</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.13</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.15</a><br>Failed <sup>5</sup> |
| <b>Hex(A71A23)</b> | <a href="#">Ratio: 1.35</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.19</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.08</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.05</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.06</a><br>Failed <sup>5</sup> |
| <b>Hex(A70914)</b> | <a href="#">Ratio: 1.41</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.24</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.13</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.05</a><br>Failed <sup>5</sup> |                                                    | <a href="#">Ratio: 1.02</a><br>Failed <sup>5</sup> |
| <b>Hex(A7000B)</b> | <a href="#">Ratio: 1.43</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.26</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.15</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.06</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.02</a><br>Failed <sup>5</sup> |                                                    |

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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).