

# Converting Colors - WCAG Matrix

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

**Hex(F86B9E) Hex(F8528E) Hex(F8397E) Hex(F8216F) Hex(F8085F) Hex(F8005A)**

|             | Hex(F86B9E)  | Hex(F8528E)  | Hex(F8397E)  | Hex(F8216F)  | Hex(F8085F)  | Hex(F8005A)  |
|-------------|--|--|--|--|--|--|
| Hex(F86B9E) |  | <a href="#">Ratio: 1.15</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.29</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.40</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.46</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.48</a><br>Failed <sup>5</sup> |
| Hex(F8528E) | <a href="#">Ratio: 1.15</a><br>Failed <sup>5</sup> |  | <a href="#">Ratio: 1.12</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.21</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.27</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.28</a><br>Failed <sup>5</sup> |
| Hex(F8397E) | <a href="#">Ratio: 1.29</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.12</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: 1.14</a><br>Failed <sup>5</sup> |
| Hex(F8216F) | <a href="#">Ratio: 1.40</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.21</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> |
| Hex(F8085F) | <a href="#">Ratio: 1.46</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.27</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: 1.01</a><br>Failed <sup>5</sup> |
| Hex(F8005A) | <a href="#">Ratio: 1.48</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.28</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.14</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.06</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.01</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.

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