

# Converting Colors - WCAG Matrix

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

|             | Hex(42CB00)                               | Hex(00D7B7)                               | Hex(E185FF)                               | Hex(FF3BAD)                               |
|-------------|---|---|---|---|
| Hex(42CB00) |   | <u>Ratio: 1.17</u><br>Failed <sup>5</sup> | <u>Ratio: 1.09</u><br>Failed <sup>5</sup> | <u>Ratio: 1.51</u><br>Failed <sup>5</sup> |
| Hex(00D7B7) | <u>Ratio: 1.17</u><br>Failed <sup>5</sup> |   | <u>Ratio: 1.27</u><br>Failed <sup>5</sup> | <u>Ratio: 1.76</u><br>Failed <sup>5</sup> |
| Hex(E185FF) | <u>Ratio: 1.09</u><br>Failed <sup>5</sup> | <u>Ratio: 1.27</u><br>Failed <sup>5</sup> |   | <u>Ratio: 1.39</u><br>Failed <sup>5</sup> |
| Hex(FF3BAD) | <u>Ratio: 1.51</u><br>Failed <sup>5</sup> | <u>Ratio: 1.76</u><br>Failed <sup>5</sup> | <u>Ratio: 1.39</u><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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