

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(4DD194) Hex(3DFFA6) Hex(4DCDD1) Hex(5E6964) Hex(00A85B) Hex(002915)**

|             | Hex(4DD194)  | Hex(3DFFA6)   | Hex(4DCDD1)  | Hex(5E6964)   | Hex(00A85B)   | Hex(002915)   |
|-------------|--|---|--|---|---|---|
| Hex(4DD194) |  | <a href="#">Ratio: 1.48</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 1.01</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 2.95</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 1.61</a><br>Failed <sup>5</sup>                      | <a href="#">Ratio: 8.18</a><br>Passed <sup>6</sup>                      |
| Hex(3DFFA6) | <a href="#">Ratio: 1.48</a><br>Failed <sup>5</sup> |   | <a href="#">Ratio: 1.46</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 4.36</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 2.38</a><br>Failed <sup>5</sup>                      | <a href="#">Ratio: 12.09</a><br>Passed <sup>6</sup>                     |
| Hex(4DCDD1) | <a href="#">Ratio: 1.01</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.46</a><br>Failed <sup>5</sup>  |  | <a href="#">Ratio: 2.98</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 1.62</a><br>Failed <sup>5</sup>                      | <a href="#">Ratio: 8.26</a><br>Passed <sup>6</sup>                      |
| Hex(5E6964) | <a href="#">Ratio: 2.95</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 4.36</a><br>AA 18pt <sup>2</sup> | <a href="#">Ratio: 2.98</a><br>Failed <sup>5</sup> |   | <a href="#">Ratio: 1.83</a><br>Failed <sup>5</sup>                      | <a href="#">Ratio: 2.77</a><br>Failed <sup>5</sup>                      |
| Hex(00A85B) | <a href="#">Ratio: 1.61</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 2.38</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 1.62</a><br>Failed <sup>5</sup> | <a href="#">Ratio: 1.83</a><br>Failed <sup>5</sup>  |   | <a href="#">Ratio: 5.08</a><br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(002915) | <a href="#">Ratio: 8.18</a><br>Passed <sup>6</sup> | <a href="#">Ratio: 12.09</a><br>Passed <sup>6</sup> | <a href="#">Ratio: 8.26</a><br>Passed <sup>6</sup> | <a href="#">Ratio: 2.77</a><br>Failed <sup>5</sup>  | <a href="#">Ratio: 5.08</a><br>AA <sup>1</sup><br>AAA 18pt <sup>4</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

Failed 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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