

# Converting Colors - WCAG Matrix

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

**Hex(1C6061) Hex(004849) Hex(003133) Hex(001E1E) Hex(00010F)**

|             | Hex(1C6061)   | Hex(004849)   | Hex(003133)   | Hex(001E1E)   | Hex(00010F)   |
|-------------|---|---|---|---|---|
| Hex(1C6061) |   | <a href="#">Ratio: 1.43</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.95</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 2.40</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 2.86</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(004849) | <a href="#">Ratio: 1.43</a><br><a href="#">Failed<sup>5</sup></a> |   | <a href="#">Ratio: 1.36</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.68</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 2.00</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(003133) | <a href="#">Ratio: 1.95</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.36</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: 1.47</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(001E1E) | <a href="#">Ratio: 2.40</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.68</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: 1.19</a><br><a href="#">Failed<sup>5</sup></a> |
| Hex(00010F) | <a href="#">Ratio: 2.86</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 2.00</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.47</a><br><a href="#">Failed<sup>5</sup></a> | <a href="#">Ratio: 1.19</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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