

# Converting Colors - WCAG Matrix

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

**Hex(080A09) Hex(0A0D0B) Hex(080A0A) Hex(050505) Hex(004522) Hex(00C462)**

|             | Hex(080A09)                                        | Hex(0A0D0B)                                        | Hex(080A0A)                                        | Hex(050505)                                        | Hex(004522)                                                             | Hex(00C462)                                                             |
|-------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------------|
| Hex(080A09) |                                                    | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.00</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.03</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.77</a><br>Failed <sup>5</sup>                      | Ratio: <a href="#">8.58</a><br>Passed <sup>6</sup>                      |
| Hex(0A0D0B) | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.04</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.74</a><br>Failed <sup>5</sup>                      | Ratio: <a href="#">8.44</a><br>Passed <sup>6</sup>                      |
| Hex(080A0A) | Ratio: <a href="#">1.00</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.03</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.77</a><br>Failed <sup>5</sup>                      | Ratio: <a href="#">8.57</a><br>Passed <sup>6</sup>                      |
| Hex(050505) | Ratio: <a href="#">1.03</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.04</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.03</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.82</a><br>Failed <sup>5</sup>                      | Ratio: <a href="#">8.80</a><br>Passed <sup>6</sup>                      |
| Hex(004522) | Ratio: <a href="#">1.77</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.74</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.77</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.82</a><br>Failed <sup>5</sup> |                                                                         | Ratio: <a href="#">4.84</a><br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(00C462) | Ratio: <a href="#">8.58</a><br>Passed <sup>6</sup> | Ratio: <a href="#">8.44</a><br>Passed <sup>6</sup> | Ratio: <a href="#">8.57</a><br>Passed <sup>6</sup> | Ratio: <a href="#">8.80</a><br>Passed <sup>6</sup> | Ratio: <a href="#">4.84</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

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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