

# Converting Colors - WCAG Matrix

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

**Hex(080602) Hex(0A0701) Hex(070802) Hex(050505) Hex(452E00) Hex(C48400)**

|             | Hex(080602)                                             | Hex(0A0701)                                             | Hex(070802)                                             | Hex(050505)                                             | Hex(452E00)                         | Hex(C48400)                                             |
|-------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------------------|
| Hex(080602) |                                                         | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.58<br>Failed <sup>5</sup>  | Ratio: 6.41<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(0A0701) | Ratio: 1.01<br>Failed <sup>5</sup>                      |                                                         | Ratio: 1.00<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.57<br>Failed <sup>5</sup>  | Ratio: 6.37<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(070802) | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.00<br>Failed <sup>5</sup>                      |                                                         | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.57<br>Failed <sup>5</sup>  | Ratio: 6.36<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(050505) | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      |                                                         | Ratio: 1.60<br>Failed <sup>5</sup>  | Ratio: 6.45<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(452E00) | Ratio: 1.58<br>Failed <sup>5</sup>                      | Ratio: 1.57<br>Failed <sup>5</sup>                      | Ratio: 1.57<br>Failed <sup>5</sup>                      | Ratio: 1.60<br>Failed <sup>5</sup>                      |                                     | Ratio: 4.04<br>AA 18pt <sup>2</sup>                     |
| Hex(C48400) | Ratio: 6.41<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 6.37<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 6.36<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 6.45<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 4.04<br>AA 18pt <sup>2</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).