

# Converting Colors - WCAG Matrix

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

**Hex(260F10) Hex(330E0F) Hex(261A0F) Hex(141212) Hex(540001) Hex(D40002)**

|             | Hex(260F10)                         | Hex(330E0F)                         | Hex(261A0F)                         | Hex(141212)                         | Hex(540001)                        | Hex(D40002)                         |
|-------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|
| Hex(260F10) |                                     | Ratio: 1.05<br>Failed <sup>5</sup>  | Ratio: 1.07<br>Failed <sup>5</sup>  | Ratio: 1.03<br>Failed <sup>5</sup>  | Ratio: 1.19<br>Failed <sup>5</sup> | Ratio: 3.28<br>AA 18pt <sup>2</sup> |
| Hex(330E0F) | Ratio: 1.05<br>Failed <sup>5</sup>  |                                     | Ratio: 1.02<br>Failed <sup>5</sup>  | Ratio: 1.08<br>Failed <sup>5</sup>  | Ratio: 1.14<br>Failed <sup>5</sup> | Ratio: 3.14<br>AA 18pt <sup>2</sup> |
| Hex(261A0F) | Ratio: 1.07<br>Failed <sup>5</sup>  | Ratio: 1.02<br>Failed <sup>5</sup>  |                                     | Ratio: 1.10<br>Failed <sup>5</sup>  | Ratio: 1.11<br>Failed <sup>5</sup> | Ratio: 3.07<br>AA 18pt <sup>2</sup> |
| Hex(141212) | Ratio: 1.03<br>Failed <sup>5</sup>  | Ratio: 1.08<br>Failed <sup>5</sup>  | Ratio: 1.10<br>Failed <sup>5</sup>  |                                     | Ratio: 1.22<br>Failed <sup>5</sup> | Ratio: 3.38<br>AA 18pt <sup>2</sup> |
| Hex(540001) | Ratio: 1.19<br>Failed <sup>5</sup>  | Ratio: 1.14<br>Failed <sup>5</sup>  | Ratio: 1.11<br>Failed <sup>5</sup>  | Ratio: 1.22<br>Failed <sup>5</sup>  |                                    | Ratio: 2.76<br>Failed <sup>5</sup>  |
| Hex(D40002) | Ratio: 3.28<br>AA 18pt <sup>2</sup> | Ratio: 3.14<br>AA 18pt <sup>2</sup> | Ratio: 3.07<br>AA 18pt <sup>2</sup> | Ratio: 3.38<br>AA 18pt <sup>2</sup> | Ratio: 2.76<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.

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