

# Converting Colors - WCAG Matrix

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

Hex(1E0F21) Hex(2A242B) Hex(0F1221) Hex(161317) Hex(969696) Hex(171717)

|             | Hex(1E0F21)                                             | Hex(2A242B)                                             | Hex(0F1221)                                             | Hex(161317)                                             | Hex(969696)                                             | Hex(171717)                                             |
|-------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Hex(1E0F21) |                                                         | Ratio: 1.21<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 6.20<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.02<br>Failed <sup>5</sup>                      |
| Hex(2A242B) | Ratio: 1.21<br>Failed <sup>5</sup>                      |                                                         | Ratio: 1.23<br>Failed <sup>5</sup>                      | Ratio: 1.22<br>Failed <sup>5</sup>                      | Ratio: 5.12<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.18<br>Failed <sup>5</sup>                      |
| Hex(0F1221) | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.23<br>Failed <sup>5</sup>                      |                                                         | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 6.29<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.04<br>Failed <sup>5</sup>                      |
| Hex(161317) | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 1.22<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>                      |                                                         | Ratio: 6.23<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.03<br>Failed <sup>5</sup>                      |
| Hex(969696) | Ratio: 6.20<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 5.12<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 6.29<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 6.23<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |                                                         | Ratio: 6.06<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(171717) | Ratio: 1.02<br>Failed <sup>5</sup>                      | Ratio: 1.18<br>Failed <sup>5</sup>                      | Ratio: 1.04<br>Failed <sup>5</sup>                      | Ratio: 1.03<br>Failed <sup>5</sup>                      | Ratio: 6.06<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.

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