

# Converting Colors - WCAG Matrix

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

|             | Hex(2E2E2E)                                             | Hex(3B3B3B)                         | Hex(1F1F1F)                                             | Hex(9E9E9E)                                             |
|-------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Hex(2E2E2E) |                                                         | Ratio: 1.21<br>Failed <sup>5</sup>  | Ratio: 1.21<br>Failed <sup>5</sup>                      | Ratio: 5.07<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(3B3B3B) | Ratio: 1.21<br>Failed <sup>5</sup>                      |                                     | Ratio: 1.47<br>Failed <sup>5</sup>                      | Ratio: 4.18<br>AA 18pt <sup>2</sup>                     |
| Hex(1F1F1F) | Ratio: 1.21<br>Failed <sup>5</sup>                      | Ratio: 1.47<br>Failed <sup>5</sup>  |                                                         | Ratio: 6.15<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(9E9E9E) | Ratio: 5.07<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 4.18<br>AA 18pt <sup>2</sup> | Ratio: 6.15<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).