

# Converting Colors - WCAG Matrix

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

|             | Hex(ADADAD)                        | Hex(E0E0E0)                         | Hex(707070)                         | Hex(F0F0F0)                         |
|-------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Hex(ADADAD) |                                    | Ratio: 1.70<br>Failed <sup>5</sup>  | Ratio: 2.21<br>Failed <sup>5</sup>  | Ratio: 1.97<br>Failed <sup>5</sup>  |
| Hex(E0E0E0) | Ratio: 1.70<br>Failed <sup>5</sup> |                                     | Ratio: 3.75<br>AA 18pt <sup>2</sup> | Ratio: 1.16<br>Failed <sup>5</sup>  |
| Hex(707070) | Ratio: 2.21<br>Failed <sup>5</sup> | Ratio: 3.75<br>AA 18pt <sup>2</sup> |                                     | Ratio: 4.35<br>AA 18pt <sup>2</sup> |
| Hex(F0F0F0) | Ratio: 1.97<br>Failed <sup>5</sup> | Ratio: 1.16<br>Failed <sup>5</sup>  | Ratio: 4.35<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).