

# Converting Colors - WCAG Matrix

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

Hex(859190) Hex(B9BDBC) Hex(869185) Hex(5C5E5E) Hex(DEDEDE) Hex(5E5E5E)

|             | Hex(859190)                        | Hex(B9BDBC)                         | Hex(869185)                        | Hex(5C5E5E)                                             | Hex(DEDEDE)                                             | Hex(5E5E5E)                                             |
|-------------|------------------------------------|-------------------------------------|------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Hex(859190) |                                    | Ratio: 1.72<br>Failed <sup>5</sup>  | Ratio: 1.01<br>Failed <sup>5</sup> | Ratio: 2.00<br>Failed <sup>5</sup>                      | Ratio: 2.42<br>Failed <sup>5</sup>                      | Ratio: 1.99<br>Failed <sup>5</sup>                      |
| Hex(B9BDBC) | Ratio: 1.72<br>Failed <sup>5</sup> |                                     | Ratio: 1.73<br>Failed <sup>5</sup> | Ratio: 3.44<br>AA 18pt <sup>2</sup>                     | Ratio: 1.41<br>Failed <sup>5</sup>                      | Ratio: 3.42<br>AA 18pt <sup>2</sup>                     |
| Hex(869185) | Ratio: 1.01<br>Failed <sup>5</sup> | Ratio: 1.73<br>Failed <sup>5</sup>  |                                    | Ratio: 1.99<br>Failed <sup>5</sup>                      | Ratio: 2.44<br>Failed <sup>5</sup>                      | Ratio: 1.98<br>Failed <sup>5</sup>                      |
| Hex(5C5E5E) | Ratio: 2.00<br>Failed <sup>5</sup> | Ratio: 3.44<br>AA 18pt <sup>2</sup> | Ratio: 1.99<br>Failed <sup>5</sup> |                                                         | Ratio: 4.85<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.01<br>Failed <sup>5</sup>                      |
| Hex(DEDEDE) | Ratio: 2.42<br>Failed <sup>5</sup> | Ratio: 1.41<br>Failed <sup>5</sup>  | Ratio: 2.44<br>Failed <sup>5</sup> | Ratio: 4.85<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |                                                         | Ratio: 4.82<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(5E5E5E) | Ratio: 1.99<br>Failed <sup>5</sup> | Ratio: 3.42<br>AA 18pt <sup>2</sup> | Ratio: 1.98<br>Failed <sup>5</sup> | Ratio: 1.01<br>Failed <sup>5</sup>                      | Ratio: 4.82<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).