

# Converting Colors - WCAG Matrix

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

Hex(555B59) Hex(FFFFFF) Hex(878E8B) Hex(A1A8A5) Hex(BCC3C0) Hex(D7DFDC) Hex(F4FCF8)

|             | Hex(555B59)   | Hex(FFFFFF)                         | Hex(878E8B)                         | Hex(A1A8A5)                         | Hex(BCC3C0)   | Hex(D7DFDC)   | Hex(F4FCF8) |
|-------------|---|-------------------------------------|-------------------------------------|-------------------------------------|---|---|-------------|
| Hex(555B59) | Ratio: 6.94<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 2.07<br>Failed <sup>5</sup>  | Ratio: 2.86<br>Failed <sup>5</sup>  | Ratio: 3.87<br>AA 18pt <sup>2</sup> | Ratio: 5.11<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 6.65<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |             |
| Hex(FFFFFF) | Ratio: 6.94<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 3.35<br>AA 18pt <sup>2</sup> | Ratio: 2.42<br>Failed <sup>5</sup>  | Ratio: 1.79<br>Failed <sup>5</sup>  | Ratio: 1.36<br>Failed <sup>5</sup>                      | Ratio: 1.04<br>Failed <sup>5</sup>                      |             |
| Hex(878E8B) | Ratio: 2.07<br>Failed <sup>5</sup>                      | Ratio: 3.35<br>AA 18pt <sup>2</sup> | Ratio: 1.38<br>Failed <sup>5</sup>  | Ratio: 1.87<br>Failed <sup>5</sup>  | Ratio: 2.47<br>Failed <sup>5</sup>                      | Ratio: 3.21<br>AA 18pt <sup>2</sup>                     |             |
| Hex(A1A8A5) | Ratio: 2.86<br>Failed <sup>5</sup>                      | Ratio: 2.42<br>Failed <sup>5</sup>  | Ratio: 1.38<br>Failed <sup>5</sup>  | Ratio: 1.35<br>Failed <sup>5</sup>  | Ratio: 1.79<br>Failed <sup>5</sup>                      | Ratio: 2.32<br>Failed <sup>5</sup>                      |             |
| Hex(BCC3C0) | Ratio: 3.87<br>AA 18pt <sup>2</sup>                     | Ratio: 1.79<br>Failed <sup>5</sup>  | Ratio: 1.87<br>Failed <sup>5</sup>  | Ratio: 1.35<br>Failed <sup>5</sup>  | Ratio: 1.32<br>Failed <sup>5</sup>                      | Ratio: 1.72<br>Failed <sup>5</sup>                      |             |
| Hex(D7DFDC) | Ratio: 5.11<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.36<br>Failed <sup>5</sup>  | Ratio: 2.47<br>Failed <sup>5</sup>  | Ratio: 1.79<br>Failed <sup>5</sup>  | Ratio: 1.32<br>Failed <sup>5</sup>                      | Ratio: 1.30<br>Failed <sup>5</sup>                      |             |
| Hex(F4FCF8) | Ratio: 6.65<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 1.04<br>Failed <sup>5</sup>  | Ratio: 3.21<br>AA 18pt <sup>2</sup> | Ratio: 2.32<br>Failed <sup>5</sup>  | Ratio: 1.72<br>Failed <sup>5</sup>                      | Ratio: 1.30<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).