

# Converting Colors - WCAG Matrix

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

**Hex(A8CDEC) Hex(A6D6FF) Hex(A8ABEC) Hex(6A7075) Hex(0063B5) Hex(001D36)**

| Hex(A8CDEC) |                                     | Ratio: 1.09<br>Failed <sup>5</sup>  | Ratio: 1.30<br>Failed <sup>5</sup> | Ratio: 3.01<br>AA 18pt <sup>2</sup> | Ratio: 3.65<br>AA 18pt <sup>2</sup> | Ratio: 10.26<br>Passed <sup>6</sup> |
|-------------|-------------------------------------|-------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Hex(A6D6FF) | Ratio: 1.09<br>Failed <sup>5</sup>  |                                     | Ratio: 1.41<br>Failed <sup>5</sup> | Ratio: 3.27<br>AA 18pt <sup>2</sup> | Ratio: 3.96<br>AA 18pt <sup>2</sup> | Ratio: 11.13<br>Passed <sup>6</sup> |
| Hex(A8ABEC) | Ratio: 1.30<br>Failed <sup>5</sup>  | Ratio: 1.41<br>Failed <sup>5</sup>  |                                    | Ratio: 2.32<br>Failed <sup>5</sup>  | Ratio: 2.81<br>Failed <sup>5</sup>  | Ratio: 7.89<br>Passed <sup>6</sup>  |
| Hex(6A7075) | Ratio: 3.01<br>AA 18pt <sup>2</sup> | Ratio: 3.27<br>AA 18pt <sup>2</sup> | Ratio: 2.32<br>Failed <sup>5</sup> |                                     | Ratio: 1.21<br>Failed <sup>5</sup>  | Ratio: 3.41<br>AA 18pt <sup>2</sup> |
| Hex(0063B5) | Ratio: 3.65<br>AA 18pt <sup>2</sup> | Ratio: 3.96<br>AA 18pt <sup>2</sup> | Ratio: 2.81<br>Failed <sup>5</sup> | Ratio: 1.21<br>Failed <sup>5</sup>  |                                     | Ratio: 2.81<br>Failed <sup>5</sup>  |
| Hex(001D36) | Ratio: 10.26<br>Passed <sup>6</sup> | Ratio: 11.13<br>Passed <sup>6</sup> | Ratio: 7.89<br>Passed <sup>6</sup> | Ratio: 3.41<br>AA 18pt <sup>2</sup> | Ratio: 2.81<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](https://convertingcolors.com).