

# Converting Colors - WCAG Matrix

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

Hex(B5ADB8) Hex(EBDFF0) Hex(B8ADB6) Hex(5A545C) Hex(71009C) Hex(14001C)

|             | Hex(B5ADB8)                         | Hex(EBDFF0)                                             | Hex(B8ADB6)                         | Hex(5A545C)                                             | Hex(71009C)                         | Hex(14001C)                         |
|-------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|-------------------------------------|
| Hex(B5ADB8) |                                     | Ratio: 1.70<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>  | Ratio: 3.37<br>AA 18pt <sup>2</sup>                     | Ratio: 4.41<br>AA 18pt <sup>2</sup> | Ratio: 9.21<br>Passed <sup>6</sup>  |
| Hex(EBDFF0) | Ratio: 1.70<br>Failed <sup>5</sup>  |                                                         | Ratio: 1.69<br>Failed <sup>5</sup>  | Ratio: 5.72<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 7.49<br>Passed <sup>6</sup>  | Ratio: 15.62<br>Passed <sup>6</sup> |
| Hex(B8ADB6) | Ratio: 1.01<br>Failed <sup>5</sup>  | Ratio: 1.69<br>Failed <sup>5</sup>                      |                                     | Ratio: 3.39<br>AA 18pt <sup>2</sup>                     | Ratio: 4.44<br>AA 18pt <sup>2</sup> | Ratio: 9.26<br>Passed <sup>6</sup>  |
| Hex(5A545C) | Ratio: 3.37<br>AA 18pt <sup>2</sup> | Ratio: 5.72<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 3.39<br>AA 18pt <sup>2</sup> |                                                         | Ratio: 1.31<br>Failed <sup>5</sup>  | Ratio: 2.73<br>Failed <sup>5</sup>  |
| Hex(71009C) | Ratio: 4.41<br>AA 18pt <sup>2</sup> | Ratio: 7.49<br>Passed <sup>6</sup>                      | Ratio: 4.44<br>AA 18pt <sup>2</sup> | Ratio: 1.31<br>Failed <sup>5</sup>                      |                                     | Ratio: 2.09<br>Failed <sup>5</sup>  |
| Hex(14001C) | Ratio: 9.21<br>Passed <sup>6</sup>  | Ratio: 15.62<br>Passed <sup>6</sup>                     | Ratio: 9.26<br>Passed <sup>6</sup>  | Ratio: 2.73<br>Failed <sup>5</sup>                      | Ratio: 2.09<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).