

# Converting Colors - WCAG Matrix

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

|              | Hex(B7B8FE)                                                        | Hex(D0D1FE)                                                        | Hex(EAEAFE)                                                        | Hex(FFFFFFE)                                                       |
|--------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|
| Hex(B7B8FE)  |                                                                    | <a href="#">Ratio: 1.26</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.57</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.86</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(D0D1FE)  | <a href="#">Ratio: 1.26</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.24</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.47</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(EAEAFE)  | <a href="#">Ratio: 1.57</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.24</a><br><a href="#">Failed</a> <sup>5</sup> |                                                                    | <a href="#">Ratio: 1.19</a><br><a href="#">Failed</a> <sup>5</sup> |
| Hex(FFFFFFE) | <a href="#">Ratio: 1.86</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.47</a><br><a href="#">Failed</a> <sup>5</sup> | <a href="#">Ratio: 1.19</a><br><a href="#">Failed</a> <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.

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