

# Converting Colors - WCAG Matrix

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

|              | Hex(D8E4F0)                                        | Hex(F0F0F0)                                        | Hex(FFFBF0)                                        | Hex(FFFFFF0)                                       |
|--------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Hex(D8E4F0)  |                                                    | Ratio: <a href="#">1.13</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.25</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.28</a><br>Failed <sup>5</sup> |
| Hex(F0F0F0)  | Ratio: <a href="#">1.13</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.10</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.13</a><br>Failed <sup>5</sup> |
| Hex(FFFBF0)  | Ratio: <a href="#">1.25</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.10</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> |
| Hex(FFFFFF0) | Ratio: <a href="#">1.28</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.13</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.02</a><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.

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