

# Converting Colors - WCAG Matrix

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

Hex(BAE1BF) Hex(C9FFD1) Hex(BAE1D3) Hex(657067) Hex(00B01A) Hex(003007)

|             | Hex(BAE1BF)                         | Hex(C9FFD1)                                             | Hex(BAE1D3)                         | Hex(657067)                                             | Hex(00B01A)                                             | Hex(003007)                                             |
|-------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Hex(BAE1BF) |                                     | Ratio: 1.28<br>Failed <sup>5</sup>                      | Ratio: 1.01<br>Failed <sup>5</sup>  | Ratio: 3.59<br>AA 18pt <sup>2</sup>                     | Ratio: 2.02<br>Failed <sup>5</sup>                      | Ratio: 10.25<br>Passed <sup>6</sup>                     |
| Hex(C9FFD1) | Ratio: 1.28<br>Failed <sup>5</sup>  |                                                         | Ratio: 1.26<br>Failed <sup>5</sup>  | Ratio: 4.60<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 2.59<br>Failed <sup>5</sup>                      | Ratio: 13.12<br>Passed <sup>6</sup>                     |
| Hex(BAE1D3) | Ratio: 1.01<br>Failed <sup>5</sup>  | Ratio: 1.26<br>Failed <sup>5</sup>                      |                                     | Ratio: 3.64<br>AA 18pt <sup>2</sup>                     | Ratio: 2.05<br>Failed <sup>5</sup>                      | Ratio: 10.38<br>Passed <sup>6</sup>                     |
| Hex(657067) | Ratio: 3.59<br>AA 18pt <sup>2</sup> | Ratio: 4.60<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 3.64<br>AA 18pt <sup>2</sup> |                                                         | Ratio: 1.78<br>Failed <sup>5</sup>                      | Ratio: 2.85<br>Failed <sup>5</sup>                      |
| Hex(00B01A) | Ratio: 2.02<br>Failed <sup>5</sup>  | Ratio: 2.59<br>Failed <sup>5</sup>                      | Ratio: 2.05<br>Failed <sup>5</sup>  | Ratio: 1.78<br>Failed <sup>5</sup>                      |                                                         | Ratio: 5.07<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(003007) | Ratio: 10.25<br>Passed <sup>6</sup> | Ratio: 13.12<br>Passed <sup>6</sup>                     | Ratio: 10.38<br>Passed <sup>6</sup> | Ratio: 2.85<br>Failed <sup>5</sup>                      | Ratio: 5.07<br>AA <sup>1</sup><br>AAA 18pt <sup>4</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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