

# Converting Colors - WCAG Matrix

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

Hex(BE3566) Hex(F7206D) Hex(BE4735) Hex(5E5558) Hex(9E0039) Hex(1F000B)

|             | Hex(BE3566)                         | Hex(F7206D)                                             | Hex(BE4735)                         | Hex(5E5558)                        | Hex(9E0039)                        | Hex(1F000B)                                             |
|-------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|------------------------------------|------------------------------------|---------------------------------------------------------|
| Hex(BE3566) |                                     | Ratio: 1.38<br>Failed <sup>5</sup>                      | Ratio: 1.06<br>Failed <sup>5</sup>  | Ratio: 1.33<br>Failed <sup>5</sup> | Ratio: 1.55<br>Failed <sup>5</sup> | Ratio: 3.66<br>AA 18pt <sup>2</sup>                     |
| Hex(F7206D) | Ratio: 1.38<br>Failed <sup>5</sup>  |                                                         | Ratio: 1.30<br>Failed <sup>5</sup>  | Ratio: 1.85<br>Failed <sup>5</sup> | Ratio: 2.14<br>Failed <sup>5</sup> | Ratio: 5.06<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(BE4735) | Ratio: 1.06<br>Failed <sup>5</sup>  | Ratio: 1.30<br>Failed <sup>5</sup>                      |                                     | Ratio: 1.42<br>Failed <sup>5</sup> | Ratio: 1.65<br>Failed <sup>5</sup> | Ratio: 3.90<br>AA 18pt <sup>2</sup>                     |
| Hex(5E5558) | Ratio: 1.33<br>Failed <sup>5</sup>  | Ratio: 1.85<br>Failed <sup>5</sup>                      | Ratio: 1.42<br>Failed <sup>5</sup>  |                                    | Ratio: 1.16<br>Failed <sup>5</sup> | Ratio: 2.74<br>Failed <sup>5</sup>                      |
| Hex(9E0039) | Ratio: 1.55<br>Failed <sup>5</sup>  | Ratio: 2.14<br>Failed <sup>5</sup>                      | Ratio: 1.65<br>Failed <sup>5</sup>  | Ratio: 1.16<br>Failed <sup>5</sup> |                                    | Ratio: 2.36<br>Failed <sup>5</sup>                      |
| Hex(1F000B) | Ratio: 3.66<br>AA 18pt <sup>2</sup> | Ratio: 5.06<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 3.90<br>AA 18pt <sup>2</sup> | Ratio: 2.74<br>Failed <sup>5</sup> | Ratio: 2.36<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).