

# Converting Colors - WCAG Matrix

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

Hex(EF34BD) Hex(FF0FBF) Hex(EF3460) Hex(786C75) Hex(B80087) Hex(380029)

|             | Hex(EF34BD)                                             | Hex(FF0FBF)                                             | Hex(EF3460)                         | Hex(786C75)                         | Hex(B80087)                        | Hex(380029)                                             |
|-------------|---------------------------------------------------------|---------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------|---------------------------------------------------------|
| Hex(EF34BD) |                                                         | Ratio: 1.03<br>Failed <sup>5</sup>                      | Ratio: 1.11<br>Failed <sup>5</sup>  | Ratio: 1.40<br>Failed <sup>5</sup>  | Ratio: 1.74<br>Failed <sup>5</sup> | Ratio: 4.91<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(FF0FBF) | Ratio: 1.03<br>Failed <sup>5</sup>                      |                                                         | Ratio: 1.14<br>Failed <sup>5</sup>  | Ratio: 1.45<br>Failed <sup>5</sup>  | Ratio: 1.79<br>Failed <sup>5</sup> | Ratio: 5.06<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(EF3460) | Ratio: 1.11<br>Failed <sup>5</sup>                      | Ratio: 1.14<br>Failed <sup>5</sup>                      |                                     | Ratio: 1.27<br>Failed <sup>5</sup>  | Ratio: 1.57<br>Failed <sup>5</sup> | Ratio: 4.44<br>AA 18pt <sup>2</sup>                     |
| Hex(786C75) | Ratio: 1.40<br>Failed <sup>5</sup>                      | Ratio: 1.45<br>Failed <sup>5</sup>                      | Ratio: 1.27<br>Failed <sup>5</sup>  |                                     | Ratio: 1.24<br>Failed <sup>5</sup> | Ratio: 3.50<br>AA 18pt <sup>2</sup>                     |
| Hex(B80087) | Ratio: 1.74<br>Failed <sup>5</sup>                      | Ratio: 1.79<br>Failed <sup>5</sup>                      | Ratio: 1.57<br>Failed <sup>5</sup>  | Ratio: 1.24<br>Failed <sup>5</sup>  |                                    | Ratio: 2.82<br>Failed <sup>5</sup>                      |
| Hex(380029) | Ratio: 4.91<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 5.06<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 4.44<br>AA 18pt <sup>2</sup> | Ratio: 3.50<br>AA 18pt <sup>2</sup> | Ratio: 2.82<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).