

# Converting Colors - WCAG Matrix

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

|             | Hex(0077FF)                                        | Hex(7F46FF)                                        | Hex(E400B5)                                        |
|-------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Hex(0077FF) |                                                    | Ratio: <a href="#">1.20</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> |
| Hex(7F46FF) | Ratio: <a href="#">1.20</a><br>Failed <sup>5</sup> |                                                    | Ratio: <a href="#">1.18</a><br>Failed <sup>5</sup> |
| Hex(E400B5) | Ratio: <a href="#">1.02</a><br>Failed <sup>5</sup> | Ratio: <a href="#">1.18</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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).