

# Converting Colors - WCAG Matrix

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

Hex(C76BC2) Hex(FF73F7) Hex(C79E6B) Hex(635A63) Hex(A3009A) Hex(240022)

|             | Hex(C76BC2)                                             | Hex(FF73F7)                        | Hex(C79E6B)                        | Hex(635A63)                        | Hex(A3009A)                        | Hex(240022)                                             |
|-------------|---------------------------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|---------------------------------------------------------|
| Hex(C76BC2) |                                                         | Ratio: 1.43<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.99<br>Failed <sup>5</sup> | Ratio: 2.09<br>Failed <sup>5</sup> | Ratio: 5.75<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(FF73F7) | Ratio: 1.43<br>Failed <sup>5</sup>                      |                                    | Ratio: 1.06<br>Failed <sup>5</sup> | Ratio: 2.85<br>Failed <sup>5</sup> | Ratio: 2.99<br>Failed <sup>5</sup> | Ratio: 8.24<br>Passed <sup>6</sup>                      |
| Hex(C79E6B) | Ratio: 1.35<br>Failed <sup>5</sup>                      | Ratio: 1.06<br>Failed <sup>5</sup> |                                    | Ratio: 2.69<br>Failed <sup>5</sup> | Ratio: 2.82<br>Failed <sup>5</sup> | Ratio: 7.77<br>Passed <sup>6</sup>                      |
| Hex(635A63) | Ratio: 1.99<br>Failed <sup>5</sup>                      | Ratio: 2.85<br>Failed <sup>5</sup> | Ratio: 2.69<br>Failed <sup>5</sup> |                                    | Ratio: 1.05<br>Failed <sup>5</sup> | Ratio: 2.89<br>Failed <sup>5</sup>                      |
| Hex(A3009A) | Ratio: 2.09<br>Failed <sup>5</sup>                      | Ratio: 2.99<br>Failed <sup>5</sup> | Ratio: 2.82<br>Failed <sup>5</sup> | Ratio: 1.05<br>Failed <sup>5</sup> |                                    | Ratio: 2.75<br>Failed <sup>5</sup>                      |
| Hex(240022) | Ratio: 5.75<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 8.24<br>Passed <sup>6</sup> | Ratio: 7.77<br>Passed <sup>6</sup> | Ratio: 2.89<br>Failed <sup>5</sup> | Ratio: 2.75<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).