

# Converting Colors - WCAG Matrix

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

Hex(5E2C5E) Hex(7A2B7A) Hex(5E452C) Hex(2E292E) Hex(6E006C) Hex(ED00EA)

|             | Hex(5E2C5E)                        | Hex(7A2B7A)                        | Hex(5E452C)                        | Hex(2E292E)                         | Hex(6E006C)                         | Hex(ED00EA)                         |
|-------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Hex(5E2C5E) |                                    | Ratio: 1.23<br>Failed <sup>5</sup> | Ratio: 1.18<br>Failed <sup>5</sup> | Ratio: 1.36<br>Failed <sup>5</sup>  | Ratio: 1.06<br>Failed <sup>5</sup>  | Ratio: 2.90<br>Failed <sup>5</sup>  |
| Hex(7A2B7A) | Ratio: 1.23<br>Failed <sup>5</sup> |                                    | Ratio: 1.04<br>Failed <sup>5</sup> | Ratio: 1.67<br>Failed <sup>5</sup>  | Ratio: 1.31<br>Failed <sup>5</sup>  | Ratio: 2.36<br>Failed <sup>5</sup>  |
| Hex(5E452C) | Ratio: 1.18<br>Failed <sup>5</sup> | Ratio: 1.04<br>Failed <sup>5</sup> |                                    | Ratio: 1.60<br>Failed <sup>5</sup>  | Ratio: 1.26<br>Failed <sup>5</sup>  | Ratio: 2.45<br>Failed <sup>5</sup>  |
| Hex(2E292E) | Ratio: 1.36<br>Failed <sup>5</sup> | Ratio: 1.67<br>Failed <sup>5</sup> | Ratio: 1.60<br>Failed <sup>5</sup> |                                     | Ratio: 1.28<br>Failed <sup>5</sup>  | Ratio: 3.93<br>AA 18pt <sup>2</sup> |
| Hex(6E006C) | Ratio: 1.06<br>Failed <sup>5</sup> | Ratio: 1.31<br>Failed <sup>5</sup> | Ratio: 1.26<br>Failed <sup>5</sup> | Ratio: 1.28<br>Failed <sup>5</sup>  |                                     | Ratio: 3.08<br>AA 18pt <sup>2</sup> |
| Hex(ED00EA) | Ratio: 2.90<br>Failed <sup>5</sup> | Ratio: 2.36<br>Failed <sup>5</sup> | Ratio: 2.45<br>Failed <sup>5</sup> | Ratio: 3.93<br>AA 18pt <sup>2</sup> | Ratio: 3.08<br>AA 18pt <sup>2</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).