

# Converting Colors - WCAG Matrix

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

Hex(BD80A6) Hex(F595D1) Hex(BD8088) Hex(5E555B) Hex(9E0062) Hex(1F0013)

|             | Hex(BD80A6)                                             | Hex(F595D1)                         | Hex(BD8088)                                             | Hex(5E555B)                         | Hex(9E0062)                         | Hex(1F0013)                                             |
|-------------|---------------------------------------------------------|-------------------------------------|---------------------------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------------------------|
| Hex(BD80A6) |                                                         | Ratio: 1.49<br>Failed <sup>5</sup>  | Ratio: 1.03<br>Failed <sup>5</sup>                      | Ratio: 2.32<br>Failed <sup>5</sup>  | Ratio: 2.59<br>Failed <sup>5</sup>  | Ratio: 6.37<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(F595D1) | Ratio: 1.49<br>Failed <sup>5</sup>                      |                                     | Ratio: 1.53<br>Failed <sup>5</sup>                      | Ratio: 3.45<br>AA 18pt <sup>2</sup> | Ratio: 3.84<br>AA 18pt <sup>2</sup> | Ratio: 9.46<br>Passed <sup>6</sup>                      |
| Hex(BD8088) | Ratio: 1.03<br>Failed <sup>5</sup>                      | Ratio: 1.53<br>Failed <sup>5</sup>  |                                                         | Ratio: 2.26<br>Failed <sup>5</sup>  | Ratio: 2.51<br>Failed <sup>5</sup>  | Ratio: 6.19<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(5E555B) | Ratio: 2.32<br>Failed <sup>5</sup>                      | Ratio: 3.45<br>AA 18pt <sup>2</sup> | Ratio: 2.26<br>Failed <sup>5</sup>                      |                                     | Ratio: 1.11<br>Failed <sup>5</sup>  | Ratio: 2.74<br>Failed <sup>5</sup>                      |
| Hex(9E0062) | Ratio: 2.59<br>Failed <sup>5</sup>                      | Ratio: 3.84<br>AA 18pt <sup>2</sup> | Ratio: 2.51<br>Failed <sup>5</sup>                      | Ratio: 1.11<br>Failed <sup>5</sup>  |                                     | Ratio: 2.46<br>Failed <sup>5</sup>                      |
| Hex(1F0013) | Ratio: 6.37<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 9.46<br>Passed <sup>6</sup>  | Ratio: 6.19<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 2.74<br>Failed <sup>5</sup>  | Ratio: 2.46<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).