

# Converting Colors - WCAG Matrix

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

Hex(CC6888) Hex(FF6998) Hex(BACC68) Hex(665C5F) Hex(A60034) Hex(26000C)

|             | Hex(CC6888)                                             | Hex(FF6998)                        | Hex(BACC68)                         | Hex(665C5F)                         | Hex(A60034)                         | Hex(26000C)                                             |
|-------------|---------------------------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------------------------------------------------------|
| Hex(CC6888) |                                                         | Ratio: 1.31<br>Failed <sup>5</sup> | Ratio: 2.02<br>Failed <sup>5</sup>  | Ratio: 1.81<br>Failed <sup>5</sup>  | Ratio: 2.21<br>Failed <sup>5</sup>  | Ratio: 5.43<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> |
| Hex(FF6998) | Ratio: 1.31<br>Failed <sup>5</sup>                      |                                    | Ratio: 1.54<br>Failed <sup>5</sup>  | Ratio: 2.37<br>Failed <sup>5</sup>  | Ratio: 2.89<br>Failed <sup>5</sup>  | Ratio: 7.10<br>Passed <sup>6</sup>                      |
| Hex(BACC68) | Ratio: 2.02<br>Failed <sup>5</sup>                      | Ratio: 1.54<br>Failed <sup>5</sup> |                                     | Ratio: 3.66<br>AA 18pt <sup>2</sup> | Ratio: 4.46<br>AA 18pt <sup>2</sup> | Ratio: 10.96<br>Passed <sup>6</sup>                     |
| Hex(665C5F) | Ratio: 1.81<br>Failed <sup>5</sup>                      | Ratio: 2.37<br>Failed <sup>5</sup> | Ratio: 3.66<br>AA 18pt <sup>2</sup> |                                     | Ratio: 1.22<br>Failed <sup>5</sup>  | Ratio: 3.00<br>AA 18pt <sup>2</sup>                     |
| Hex(A60034) | Ratio: 2.21<br>Failed <sup>5</sup>                      | Ratio: 2.89<br>Failed <sup>5</sup> | Ratio: 4.46<br>AA 18pt <sup>2</sup> | Ratio: 1.22<br>Failed <sup>5</sup>  |                                     | Ratio: 2.46<br>Failed <sup>5</sup>                      |
| Hex(26000C) | Ratio: 5.43<br>AA <sup>1</sup><br>AAA 18pt <sup>4</sup> | Ratio: 7.10<br>Passed <sup>6</sup> | Ratio: 10.96<br>Passed <sup>6</sup> | Ratio: 3.00<br>AA 18pt <sup>2</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).