

# Converting Colors - WCAG Matrix

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

|             | Hex(FA411B)                         | Hex(FA5634)                         | Hex(FA6B4D)                        | Hex(FA7F66)                        | Hex(FA947F)                        | Hex(FAA998)                        | Hex(FABEB1)                        | Hex(FAD2CA)                        | Hex(FAE7E3)                         | Hex(FAFCFC)                         |
|-------------|-------------------------------------|-------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-------------------------------------|-------------------------------------|
| Hex(FA411B) |                                     | Ratio: 1.10<br>Failed <sup>5</sup>  | Ratio: 1.25<br>Failed <sup>5</sup> | Ratio: 1.42<br>Failed <sup>5</sup> | Ratio: 1.65<br>Failed <sup>5</sup> | Ratio: 1.92<br>Failed <sup>5</sup> | Ratio: 2.24<br>Failed <sup>5</sup> | Ratio: 2.59<br>Failed <sup>5</sup> | Ratio: 3.02<br>AA 18pt <sup>2</sup> | Ratio: 3.49<br>AA 18pt <sup>2</sup> |
| Hex(FA5634) | Ratio: 1.10<br>Failed <sup>5</sup>  |                                     | Ratio: 1.13<br>Failed <sup>5</sup> | Ratio: 1.29<br>Failed <sup>5</sup> | Ratio: 1.49<br>Failed <sup>5</sup> | Ratio: 1.74<br>Failed <sup>5</sup> | Ratio: 2.03<br>Failed <sup>5</sup> | Ratio: 2.35<br>Failed <sup>5</sup> | Ratio: 2.73<br>Failed <sup>5</sup>  | Ratio: 3.16<br>AA 18pt <sup>2</sup> |
| Hex(FA6B4D) | Ratio: 1.25<br>Failed <sup>5</sup>  | Ratio: 1.13<br>Failed <sup>5</sup>  |                                    | Ratio: 1.14<br>Failed <sup>5</sup> | Ratio: 1.32<br>Failed <sup>5</sup> | Ratio: 1.54<br>Failed <sup>5</sup> | Ratio: 1.80<br>Failed <sup>5</sup> | Ratio: 2.08<br>Failed <sup>5</sup> | Ratio: 2.42<br>Failed <sup>5</sup>  | Ratio: 2.80<br>Failed <sup>5</sup>  |
| Hex(FA7F66) | Ratio: 1.42<br>Failed <sup>5</sup>  | Ratio: 1.29<br>Failed <sup>5</sup>  | Ratio: 1.14<br>Failed <sup>5</sup> |                                    | Ratio: 1.16<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.58<br>Failed <sup>5</sup> | Ratio: 1.83<br>Failed <sup>5</sup> | Ratio: 2.12<br>Failed <sup>5</sup>  | Ratio: 2.46<br>Failed <sup>5</sup>  |
| Hex(FA947F) | Ratio: 1.65<br>Failed <sup>5</sup>  | Ratio: 1.49<br>Failed <sup>5</sup>  | Ratio: 1.32<br>Failed <sup>5</sup> | Ratio: 1.16<br>Failed <sup>5</sup> |                                    | Ratio: 1.17<br>Failed <sup>5</sup> | Ratio: 1.36<br>Failed <sup>5</sup> | Ratio: 1.58<br>Failed <sup>5</sup> | Ratio: 1.83<br>Failed <sup>5</sup>  | Ratio: 2.12<br>Failed <sup>5</sup>  |
| Hex(FAA998) | Ratio: 1.92<br>Failed <sup>5</sup>  | Ratio: 1.74<br>Failed <sup>5</sup>  | Ratio: 1.54<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.17<br>Failed <sup>5</sup> |                                    | Ratio: 1.17<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.57<br>Failed <sup>5</sup>  | Ratio: 1.82<br>Failed <sup>5</sup>  |
| Hex(FABEB1) | Ratio: 2.24<br>Failed <sup>5</sup>  | Ratio: 2.03<br>Failed <sup>5</sup>  | Ratio: 1.80<br>Failed <sup>5</sup> | Ratio: 1.58<br>Failed <sup>5</sup> | Ratio: 1.36<br>Failed <sup>5</sup> | Ratio: 1.17<br>Failed <sup>5</sup> |                                    | Ratio: 1.16<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup>  | Ratio: 1.56<br>Failed <sup>5</sup>  |
| Hex(FAD2CA) | Ratio: 2.59<br>Failed <sup>5</sup>  | Ratio: 2.35<br>Failed <sup>5</sup>  | Ratio: 2.08<br>Failed <sup>5</sup> | Ratio: 1.83<br>Failed <sup>5</sup> | Ratio: 1.58<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.16<br>Failed <sup>5</sup> |                                    | Ratio: 1.16<br>Failed <sup>5</sup>  | Ratio: 1.35<br>Failed <sup>5</sup>  |
| Hex(FAE7E3) | Ratio: 3.02<br>AA 18pt <sup>2</sup> | Ratio: 2.73<br>Failed <sup>5</sup>  | Ratio: 2.42<br>Failed <sup>5</sup> | Ratio: 2.12<br>Failed <sup>5</sup> | Ratio: 1.83<br>Failed <sup>5</sup> | Ratio: 1.57<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.16<br>Failed <sup>5</sup> |                                     | Ratio: 1.16<br>Failed <sup>5</sup>  |
| Hex(FAFCFC) | Ratio: 3.49<br>AA 18pt <sup>2</sup> | Ratio: 3.16<br>AA 18pt <sup>2</sup> | Ratio: 2.80<br>Failed <sup>5</sup> | Ratio: 2.46<br>Failed <sup>5</sup> | Ratio: 2.12<br>Failed <sup>5</sup> | Ratio: 1.82<br>Failed <sup>5</sup> | Ratio: 1.56<br>Failed <sup>5</sup> | Ratio: 1.35<br>Failed <sup>5</sup> | Ratio: 1.16<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

Failed 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).