

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F9A99C) Hex(FF9D8C) Hex(F9D79C) Hex(7D7270) Hex(BD1B00) Hex(3D0900)

| | Hex(F9A99C) | Hex(FF9D8C) | Hex(F9D79C) | Hex(7D7270) | Hex(BD1B00) | Hex(3D0900) |
|-------------|---|---|---|---|---|---|
| Hex(F9A99C) | | Ratio: 1.07 Failed ⁵ | Ratio: 1.36 Failed ⁵ | Ratio: 2.48 Failed ⁵ | Ratio: 3.37 AA 18pt ² | Ratio: 9.04 Passed ⁶ |
| Hex(FF9D8C) | Ratio: 1.07 Failed ⁵ | | Ratio: 1.46 Failed ⁵ | Ratio: 2.32 Failed ⁵ | Ratio: 3.15 AA 18pt ² | Ratio: 8.45 Passed ⁶ |
| Hex(F9D79C) | Ratio: 1.36 Failed ⁵ | Ratio: 1.46 Failed ⁵ | | Ratio: 3.37 AA 18pt ² | Ratio: 4.59 AA ¹ AAA 18pt ⁴ | Ratio: 12.31 Passed ⁶ |
| Hex(7D7270) | Ratio: 2.48 Failed ⁵ | Ratio: 2.32 Failed ⁵ | Ratio: 3.37 AA 18pt ² | | Ratio: 1.36 Failed ⁵ | Ratio: 3.65 AA 18pt ² |
| Hex(BD1B00) | Ratio: 3.37 AA 18pt ² | Ratio: 3.15 AA 18pt ² | Ratio: 4.59 AA ¹ AAA 18pt ⁴ | Ratio: 1.36 Failed ⁵ | | Ratio: 2.68 Failed ⁵ |
| Hex(3D0900) | Ratio: 9.04 Passed ⁶ | Ratio: 8.45 Passed ⁶ | Ratio: 12.31 Passed ⁶ | Ratio: 3.65 AA 18pt ² | Ratio: 2.68 Failed ⁵ | |

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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