

Converting Colors - WCAG Matrix

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

Hex(806957) Hex(FFFFFF) Hex(B59D89) Hex(D1B8A3) Hex(EED3BE) Hex(FFEFDA) Hex(FFFFF7)

Hex(806957)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 2.58 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(B59D89)	Ratio: 2.00 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(D1B8A3)	Ratio: 2.72 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(EED3BE)	Ratio: 3.61 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFEFDA)	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FFFFF7)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 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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