

Converting Colors - WCAG Matrix

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

Hex(7F6859) Hex(FFFFFF) Hex(B59B8B) Hex(D1B6A6) Hex(EDD1C1) Hex(FFEEDD) Hex(FFFFF9)

	Hex(7F6859)	Hex(FFFFFF)	Hex(B59B8B)	Hex(D1B6A6)	Hex(EDD1C1)	Hex(FFEEDD)	Hex(FFFFF9)
Hex(7F6859)		Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.22 AA ¹ AAA 18pt ⁴		Ratio: 2.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(B59B8B)	Ratio: 1.99 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(D1B6A6)	Ratio: 2.72 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(EDD1C1)	Ratio: 3.60 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFEEDD)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(FFFFF9)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.13 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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