

Converting Colors - WCAG Matrix

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

Hex(7D6964) Hex(97827D) Hex(B29C97) Hex(CDB7B1) Hex(EAD3CD) Hex(FFEFE9) Hex(FFFFFF)

	Hex(7D6964)	Hex(97827D)	Hex(B29C97)	Hex(CDB7B1)	Hex(EAD3CD)	Hex(FFEFE9)	Hex(FFFFFF)
Hex(7D6964)		Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(97827D)	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.62 AA 18pt ²
Hex(B29C97)	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(CDB7B1)	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(EAD3CD)	Ratio: 3.61 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFEFE9)	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FFFFFF)	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.43 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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