

Converting Colors - WCAG Matrix

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

Hex(6C6764) Hex(FFFFFF) Hex(9F9A97) Hex(BAB5B1) Hex(D6D0CD) Hex(F2EDE9)

	Hex(6C6764)	Hex(FFFFFF)	Hex(9F9A97)	Hex(BAB5B1)	Hex(D6D0CD)	Hex(F2EDE9)
Hex(6C6764)		Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.58 AA ¹ AAA 18pt ⁴		Ratio: 2.78 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(9F9A97)	Ratio: 2.01 Failed ⁵	Ratio: 2.78 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(BAB5B1)	Ratio: 2.75 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(D6D0CD)	Ratio: 3.66 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(F2EDE9)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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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