

Converting Colors - WCAG Matrix

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

Hex(5A4E59) Hex(FFFFFF) Hex(8C7F8B) Hex(A799A5) Hex(C2B4C0) Hex(DED0DC) Hex(FAECF9)

	Hex(5A4E59)	Hex(FFFFFF)	Hex(8C7F8B)	Hex(A799A5)	Hex(C2B4C0)	Hex(DED0DC)	Hex(FAECF9)
Hex(5A4E59)		Ratio: 7.87 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.87 Passed ⁶		Ratio: 3.80 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(8C7F8B)	Ratio: 2.07 Failed ⁵	Ratio: 3.80 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(A799A5)	Ratio: 2.90 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(C2B4C0)	Ratio: 3.97 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(DED0DC)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FAECF9)	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 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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