

Converting Colors - WCAG Matrix

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

Hex(8F827C) Hex(FFFFFF) Hex(C5B7B0) Hex(E1D2CC) Hex(FEEFE8)

	Hex(8F827C)	Hex(FFFFFF)	Hex(C5B7B0)	Hex(E1D2CC)	Hex(FEEFE8)
Hex(8F827C)		Ratio: 3.72 AA 18pt²	Ratio: 1.91 Failed⁵	Ratio: 2.53 Failed⁵	Ratio: 3.31 AA 18pt²
Hex(FFFFFF)	Ratio: 3.72 AA 18pt²		Ratio: 1.95 Failed⁵	Ratio: 1.47 Failed⁵	Ratio: 1.12 Failed⁵
Hex(C5B7B0)	Ratio: 1.91 Failed⁵	Ratio: 1.95 Failed⁵		Ratio: 1.33 Failed⁵	Ratio: 1.74 Failed⁵
Hex(E1D2CC)	Ratio: 2.53 Failed⁵	Ratio: 1.47 Failed⁵	Ratio: 1.33 Failed⁵		Ratio: 1.31 Failed⁵
Hex(FEEFE8)	Ratio: 3.31 AA 18pt²	Ratio: 1.12 Failed⁵	Ratio: 1.74 Failed⁵	Ratio: 1.31 Failed⁵	

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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