

Converting Colors - WCAG Matrix

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

Hex(87786E) Hex(FFFFFF) Hex(BCACA2) Hex(D8C8BD) Hex(F5E4D8) Hex(FFFFF5)

	Hex(87786E)	Hex(FFFFFF)	Hex(BCACA2)	Hex(D8C8BD)	Hex(F5E4D8)	Hex(FFFFF5)
Hex(87786E)		Ratio: 4.25 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.22 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.25 AA 18pt ²		Ratio: 2.20 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(BCACA2)	Ratio: 1.93 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(D8C8BD)	Ratio: 2.61 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(F5E4D8)	Ratio: 3.43 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFFFF5)	Ratio: 4.22 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 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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