

Converting Colors - WCAG Matrix

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

Hex(7E7C74) Hex(FFFFFF6) Hex(B3B0A8) Hex(CFCCC3) Hex(EBE8DF)

Hex(7E7C74)		Ratio: 4.16 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(FFFFFF6)	Ratio: 4.16 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(B3B0A8)	Ratio: 1.93 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(CFCCC3)	Ratio: 2.60 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(EBE8DF)	Ratio: 3.41 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 1.77 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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