

Converting Colors - WCAG Matrix

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

Hex(807466) Hex(FFFFFF) Hex(B5A899) Hex(D1C3B4) Hex(EDDFCF) Hex(FFFCEC)

Hex(807466)		Ratio: 4.56 AA¹ AAA 18pt⁴	Ratio: 1.96 Failed⁵	Ratio: 2.64 Failed⁵	Ratio: 3.48 AA 18pt²	Ratio: 4.42 AA 18pt²
Hex(FFFFFF)	Ratio: 4.56 AA¹ AAA 18pt⁴		Ratio: 2.33 Failed⁵	Ratio: 1.72 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 1.03 Failed⁵
Hex(B5A899)	Ratio: 1.96 Failed⁵	Ratio: 2.33 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 2.26 Failed⁵
Hex(D1C3B4)	Ratio: 2.64 Failed⁵	Ratio: 1.72 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.67 Failed⁵
Hex(EDDFCF)	Ratio: 3.48 AA 18pt²	Ratio: 1.31 Failed⁵	Ratio: 1.78 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.27 Failed⁵
Hex(FFFCEC)	Ratio: 4.42 AA 18pt²	Ratio: 1.03 Failed⁵	Ratio: 2.26 Failed⁵	Ratio: 1.67 Failed⁵	Ratio: 1.27 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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