

Converting Colors - WCAG Matrix

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

Hex(908E69) Hex(FFFFFF) Hex(C6C49C) Hex(E2E0B7) Hex(FFFC D3) Hex(FFFFF0)

Hex(908E69)		Ratio: 3.36 AA 18pt²	Ratio: 1.88 Failed⁵	Ratio: 2.49 Failed⁵	Ratio: 3.21 AA 18pt²	Ratio: 3.33 AA 18pt²
Hex(FFFFFF)	Ratio: 3.36 AA 18pt²		Ratio: 1.78 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.04 Failed⁵	Ratio: 1.01 Failed⁵
Hex(C6C49C)	Ratio: 1.88 Failed⁵	Ratio: 1.78 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 1.71 Failed⁵	Ratio: 1.77 Failed⁵
Hex(E2E0B7)	Ratio: 2.49 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.32 Failed⁵		Ratio: 1.29 Failed⁵	Ratio: 1.34 Failed⁵
Hex(FFFC D3)	Ratio: 3.21 AA 18pt²	Ratio: 1.04 Failed⁵	Ratio: 1.71 Failed⁵	Ratio: 1.29 Failed⁵		Ratio: 1.03 Failed⁵
Hex(FFFFF0)	Ratio: 3.33 AA 18pt²	Ratio: 1.01 Failed⁵	Ratio: 1.77 Failed⁵	Ratio: 1.34 Failed⁵	Ratio: 1.03 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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