

Converting Colors - WCAG Matrix

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

Hex(999674) Hex(FFFFFF) Hex(D0CCA8) Hex(ECE8C4) Hex(FFFFE0) Hex(FFFFFC)

Hex(999674)		Ratio: 3.01 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(FFFFFF)	Ratio: 3.01 AA 18pt ²		Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(D0CCA8)	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(ECE8C4)	Ratio: 2.43 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFFFE0)	Ratio: 2.96 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵	
Hex(FFFFFC)	Ratio: 3.01 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 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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