

Converting Colors - WCAG Matrix

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

Hex(9C938E) Hex(FFFFFF) Hex(D3C9C4) Hex(EFE5E0) Hex(FFFFFFD)

	Hex(9C938E)	Hex(FFFFFF)	Hex(D3C9C4)	Hex(EFE5E0)	Hex(FFFFFFD)
Hex(9C938E)		Ratio: 3.01 AA 18pt²	Ratio: 1.85 Failed⁵	Ratio: 2.43 Failed⁵	Ratio: 3.01 AA 18pt²
Hex(FFFFFF)	Ratio: 3.01 AA 18pt²		Ratio: 1.63 Failed⁵	Ratio: 1.24 Failed⁵	Ratio: 1.00 Failed⁵
Hex(D3C9C4)	Ratio: 1.85 Failed⁵	Ratio: 1.63 Failed⁵		Ratio: 1.31 Failed⁵	Ratio: 1.62 Failed⁵
Hex(EFE5E0)	Ratio: 2.43 Failed⁵	Ratio: 1.24 Failed⁵	Ratio: 1.31 Failed⁵		Ratio: 1.24 Failed⁵
Hex(FFFFFFD)	Ratio: 3.01 AA 18pt²	Ratio: 1.00 Failed⁵	Ratio: 1.62 Failed⁵	Ratio: 1.24 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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