

Converting Colors - WCAG Matrix

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

Hex(696A5F) Hex(FFFFFF) Hex(9C9D91) Hex(B7B8AC) Hex(D3D4C7) Hex(EFF0E3)

	Hex(696A5F)	Hex(FFFFFF)	Hex(9C9D91)	Hex(B7B8AC)	Hex(D3D4C7)	Hex(EFF0E3)
Hex(696A5F)		Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.49 AA ¹ AAA 18pt ⁴		Ratio: 2.75 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(9C9D91)	Ratio: 2.00 Failed ⁵	Ratio: 2.75 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(B7B8AC)	Ratio: 2.73 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(D3D4C7)	Ratio: 3.66 AA 18pt ²	Ratio: 1.50 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(EFF0E3)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 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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