

Converting Colors - WCAG Matrix

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

Hex(906E71) Hex(FFFFFF) Hex(C6A2A5) Hex(E3BDC0) Hex(FFD9DC) Hex(FFF5F8)

	Hex(906E71)	Hex(FFFFFF)	Hex(C6A2A5)	Hex(E3BDC0)	Hex(FFD9DC)	Hex(FFF5F8)
Hex(906E71)		Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.51 AA ¹ AAA 18pt ⁴		Ratio: 2.30 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(C6A2A5)	Ratio: 1.96 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(E3BDC0)	Ratio: 2.64 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(FFD9DC)	Ratio: 3.48 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFF5F8)	Ratio: 4.23 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 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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