

Converting Colors - WCAG Matrix

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

Hex(5D414E) Hex(FFF6FF) Hex(8F717F) Hex(AA8B99) Hex(C6A5B4) Hex(E2C0CF) Hex(FEDCEB)

	Hex(5D414E)	Hex(FFF6FF)	Hex(8F717F)	Hex(AA8B99)	Hex(C6A5B4)	Hex(E2C0CF)	Hex(FEDCEB)
Hex(5D414E)		Ratio: 8.53 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 7.14 Passed ⁶
Hex(FFF6FF)	Ratio: 8.53 Passed ⁶		Ratio: 4.11 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(8F717F)	Ratio: 2.07 Failed ⁵	Ratio: 4.11 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(AA8B99)	Ratio: 2.94 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(C6A5B4)	Ratio: 4.05 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(E2C0CF)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(FEDCEB)	Ratio: 7.14 Passed ⁶	Ratio: 1.19 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 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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