

Converting Colors - WCAG Matrix

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

Hex(897D86) Hex(B39FAE) Hex(89867D) Hex(453E43) Hex(850063) Hex(050004)

	Hex(897D86)	Hex(B39FAE)	Hex(89867D)	Hex(453E43)	Hex(850063)	Hex(050004)
Hex(897D86)		Ratio: 1.59 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴
Hex(B39FAE)	Ratio: 1.59 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 8.42 Passed ⁶
Hex(89867D)	Ratio: 1.08 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(453E43)	Ratio: 2.64 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 2.85 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(850063)	Ratio: 2.45 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(050004)	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 8.42 Passed ⁶	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.16 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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