

Converting Colors - WCAG Matrix

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

Hex(866D83) Hex(AD87A9) Hex(77866D) Hex(423C42) Hex(820072) Hex(030002)

	Hex(866D83)	Hex(AD87A9)	Hex(77866D)	Hex(423C42)	Hex(820072)	Hex(030002)
Hex(866D83)		Ratio: 1.50 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(AD87A9)	Ratio: 1.50 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 6.78 AA ¹ AAA 18pt ⁴
Hex(77866D)	Ratio: 1.20 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.77 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(423C42)	Ratio: 2.31 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.77 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(820072)	Ratio: 2.07 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.18 Failed ⁵
Hex(030002)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 2.18 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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