

Converting Colors - WCAG Matrix

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

Hex(847D87) Hex(ABA0B0) Hex(877D85) Hex(403C42) Hex(5B0082) Hex(020003)

	Hex(847D87)	Hex(ABA0B0)	Hex(877D85)	Hex(403C42)	Hex(5B0082)	Hex(020003)
Hex(847D87)		Ratio: 1.59 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(ABA0B0)	Ratio: 1.59 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 8.36 Passed ⁶
Hex(877D85)	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(403C42)	Ratio: 2.71 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 2.73 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(5B0082)	Ratio: 2.98 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 1.76 Failed ⁵
Hex(020003)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 8.36 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵	Ratio: 1.76 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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