

Converting Colors - WCAG Matrix

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

Hex(8B8387) Hex(B5A8AF) Hex(838B8B) Hex(453F42) Hex(850042) Hex(050003)

	Hex(8B8387)	Hex(B5A8AF)	Hex(838B8B)	Hex(453F42)	Hex(850042)	Hex(050003)
Hex(8B8387)		Ratio: 1.61 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(B5A8AF)	Ratio: 1.61 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 4.42 AA 18pt ²	Ratio: 9.11 Passed ⁶
Hex(838B8B)	Ratio: 1.06 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(453F42)	Ratio: 2.79 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(850042)	Ratio: 2.74 Failed ⁵	Ratio: 4.42 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(050003)	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 9.11 Passed ⁶	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.06 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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