

Converting Colors - WCAG Matrix

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

Hex(8F8B85) Hex(BAB4AB) Hex(8E8F85) Hex(474540) Hex(875100) Hex(080500)

	Hex(8F8B85)	Hex(BAB4AB)	Hex(8E8F85)	Hex(474540)	Hex(875100)	Hex(080500)
Hex(8F8B85)		Ratio: 1.65 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 6.01 AA ¹ AAA 18pt ⁴
Hex(BAB4AB)	Ratio: 1.65 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.18 AA 18pt ²	Ratio: 9.89 Passed ⁶
Hex(8E8F85)	Ratio: 1.04 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(474540)	Ratio: 2.83 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(875100)	Ratio: 1.93 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.11 AA 18pt ²
Hex(080500)	Ratio: 6.01 AA ¹ AAA 18pt ⁴	Ratio: 9.89 Passed ⁶	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 2.13 Failed ⁵	Ratio: 3.11 AA 18pt ²	

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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