

Converting Colors - WCAG Matrix

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

Hex(8D7B6F) Hex(B89B88) Hex(8D8A6F) Hex(474340) Hex(873600) Hex(080300)

	Hex(8D7B6F)	Hex(B89B88)	Hex(8D8A6F)	Hex(474340)	Hex(873600)	Hex(080300)
Hex(8D7B6F)		Ratio: 1.56 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(B89B88)	Ratio: 1.56 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 7.90 Passed ⁶
Hex(8D8A6F)	Ratio: 1.15 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.80 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(474340)	Ratio: 2.42 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.80 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(873600)	Ratio: 2.03 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(080300)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 7.90 Passed ⁶	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 2.10 Failed ⁵	Ratio: 2.50 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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