

Converting Colors - WCAG Matrix

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

Hex(887D6C) Hex(B0A084) Hex(84886C) Hex(45423E) Hex(855400) Hex(050300)

	Hex(887D6C)	Hex(B0A084)	Hex(84886C)	Hex(45423E)	Hex(855400)	Hex(050300)
Hex(887D6C)		Ratio: 1.58 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(B0A084)	Ratio: 1.58 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 8.05 Passed ⁶
Hex(84886C)	Ratio: 1.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴
Hex(45423E)	Ratio: 2.47 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(855400)	Ratio: 1.59 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 3.20 AA 18pt ²
Hex(050300)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 8.05 Passed ⁶	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 3.20 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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