

Converting Colors - WCAG Matrix

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

Hex(876C6F) Hex(B0868A) Hex(7C876C) Hex(453E3F) Hex(85000D) Hex(050001)

	Hex(876C6F)	Hex(B0868A)	Hex(7C876C)	Hex(453E3F)	Hex(85000D)	Hex(050001)
Hex(876C6F)		Ratio: 1.50 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(B0868A)	Ratio: 1.50 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(7C876C)	Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(453E3F)	Ratio: 2.19 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 2.75 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(85000D)	Ratio: 2.20 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.99 Failed ⁵
Hex(050001)	Ratio: 4.38 AA 18pt ²	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 1.99 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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