

Converting Colors - WCAG Matrix

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

Hex(887484) Hex(B392AC) Hex(888274) Hex(453E44) Hex(85006B) Hex(050004)

	Hex(887484)	Hex(B392AC)	Hex(888274)	Hex(453E44)	Hex(85006B)	Hex(050004)
Hex(887484)		Ratio: 1.56 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(B392AC)	Ratio: 1.56 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 7.56 Passed ⁶
Hex(888274)	Ratio: 1.13 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(453E44)	Ratio: 2.41 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.71 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(85006B)	Ratio: 2.21 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.19 Failed ⁵
Hex(050004)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 7.56 Passed ⁶	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.19 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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