

Converting Colors - WCAG Matrix

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

Hex(892A7A) Hex(B31E9B) Hex(4B892A) Hex(453E44) Hex(850070) Hex(050004)

	Hex(892A7A)	Hex(B31E9B)	Hex(4B892A)	Hex(453E44)	Hex(850070)	Hex(050004)
Hex(892A7A)		Ratio: 1.34 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(B31E9B)	Ratio: 1.34 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(4B892A)	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(453E44)	Ratio: 1.32 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(850070)	Ratio: 1.20 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(050004)	Ratio: 2.65 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.21 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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