

Converting Colors - WCAG Matrix

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

Hex(8F0D8F) Hex(BA00BA) Hex(8F4F0D) Hex(474047) Hex(870087) Hex(080008)

	Hex(8F0D8F)	Hex(BA00BA)	Hex(8F4F0D)	Hex(474047)	Hex(870087)	Hex(080008)
Hex(8F0D8F)		Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(BA00BA)	Ratio: 1.45 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(8F4F0D)	Ratio: 1.26 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(474047)	Ratio: 1.25 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870087)	Ratio: 1.10 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(080008)	Ratio: 2.59 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 2.35 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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