

Converting Colors - WCAG Matrix

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

Hex(8F1D8F) Hex(BA07BA) Hex(568F1D) Hex(474047) Hex(870087) Hex(080008)

	Hex(8F1D8F)	Hex(BA07BA)	Hex(568F1D)	Hex(474047)	Hex(870087)	Hex(080008)
Hex(8F1D8F)		Ratio: 1.40 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(BA07BA)	Ratio: 1.40 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(568F1D)	Ratio: 1.95 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(474047)	Ratio: 1.31 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.55 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870087)	Ratio: 1.15 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(080008)	Ratio: 2.70 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	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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