

Converting Colors - WCAG Matrix

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

Hex(7C008F) Hex(A100BA) Hex(8F005A) Hex(464047) Hex(750087) Hex(070008)

	Hex(7C008F)	Hex(A100BA)	Hex(8F005A)	Hex(464047)	Hex(750087)	Hex(070008)
Hex(7C008F)		Ratio: 1.43 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(A100BA)	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(8F005A)	Ratio: 1.03 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(464047)	Ratio: 1.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(750087)	Ratio: 1.07 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.08 Failed ⁵
Hex(070008)	Ratio: 2.23 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.08 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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