

Converting Colors - WCAG Matrix

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

Hex(7F0069) Hex(A60089) Hex(7F002A) Hex(40393F) Hex(800069) Hex(000000)

	Hex(7F0069)	Hex(A60089)	Hex(7F002A)	Hex(40393F)	Hex(800069)	Hex(000000)
Hex(7F0069)		Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(A60089)	Ratio: 1.42 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(7F002A)	Ratio: 1.09 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(40393F)	Ratio: 1.12 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(800069)	Ratio: 1.01 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(000000)	Ratio: 2.11 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.12 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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