

Converting Colors - WCAG Matrix

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

Hex(FF0054) Hex(FF2A00) Hex(807377) Hex(BF003F) Hex(400015)

	Hex(FF0054)	Hex(FF2A00)	Hex(807377)	Hex(BF003F)	Hex(400015)
Hex(FF0054)		Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(FF2A00)	Ratio: 1.04 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(807377)	Ratio: 1.16 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF003F)	Ratio: 1.64 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(400015)	Ratio: 4.38 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 2.67 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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