

Converting Colors - WCAG Matrix

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

Hex(FF087D) Hex(FF0079) Hex(FF0C08) Hex(807379) Hex(BF005B) Hex(40001E)

	Hex(FF087D)	Hex(FF0079)	Hex(FF0C08)	Hex(807379)	Hex(BF005B)	Hex(40001E)
Hex(FF087D)		Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(FF0079)	Ratio: 1.01 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(FF0C08)	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 4.29 AA 18pt ²
Hex(807379)	Ratio: 1.20 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF005B)	Ratio: 1.66 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.72 Failed ⁵
Hex(40001E)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 4.47 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 2.72 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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