

Converting Colors - WCAG Matrix

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

Hex(FF39E1) Hex(FF12DB) Hex(FF397E) Hex(80737E) Hex(BF00A2) Hex(400036)

	Hex(FF39E1)	Hex(FF12DB)	Hex(FF397E)	Hex(80737E)	Hex(BF00A2)	Hex(400036)
Hex(FF39E1)		Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(FF12DB)	Ratio: 1.09 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(FF397E)	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(80737E)	Ratio: 1.48 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(BF00A2)	Ratio: 1.85 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(400036)	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.94 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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