

Converting Colors - WCAG Matrix

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

Hex(FF2CDC) Hex(FF03D5) Hex(76FF2C) Hex(80737D) Hex(BF00A0) Hex(400035)

	Hex(FF2CDC)	Hex(FF03D5)	Hex(76FF2C)	Hex(80737D)	Hex(BF00A0)	Hex(400035)
Hex(FF2CDC)		Ratio: 1.07 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(FF03D5)	Ratio: 1.07 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(76FF2C)	Ratio: 2.42 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 12.69 Passed ⁶
Hex(80737D)	Ratio: 1.42 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.45 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(BF00A0)	Ratio: 1.79 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(400035)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 12.69 Passed ⁶	Ratio: 3.68 AA 18pt ²	Ratio: 2.93 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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