

Converting Colors - WCAG Matrix

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

Hex(FF56FF) Hex(FF33FF) Hex(FF56AD) Hex(7F7380) Hex(BF00BF) Hex(400040)

	Hex(FF56FF)	Hex(FF33FF)	Hex(FF56AD)	Hex(7F7380)	Hex(BF00BF)	Hex(400040)
Hex(FF56FF)		Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(FF33FF)	Ratio: 1.12 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴
Hex(FF56AD)	Ratio: 1.12 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴
Hex(7F7380)	Ratio: 1.72 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(BF00BF)	Ratio: 2.02 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.07 AA 18pt ²
Hex(400040)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 3.07 AA 18pt ²	

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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