

Converting Colors - WCAG Matrix

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

Hex(FF75FA) Hex(FF59FA) Hex(FF75B5) Hex(807380) Hex(BF00B8) Hex(40003D)

	Hex(FF75FA)	Hex(FF59FA)	Hex(FF75B5)	Hex(807380)	Hex(BF00B8)	Hex(40003D)
Hex(FF75FA)		Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 7.14 Passed ⁶
Hex(FF59FA)	Ratio: 1.14 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(FF75B5)	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(807380)	Ratio: 1.96 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(BF00B8)	Ratio: 2.35 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(40003D)	Ratio: 7.14 Passed ⁶	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 3.04 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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