

Converting Colors - WCAG Matrix

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

Hex(FF3A8F) Hex(FF1278) Hex(3AF2FF) Hex(807378) Hex(BF0053) Hex(40001C)

	Hex(FF3A8F)	Hex(FF1278)	Hex(3AF2FF)	Hex(807378)	Hex(BF0053)	Hex(40001C)
Hex(FF3A8F)		Ratio: 1.11 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴
Hex(FF1278)	Ratio: 1.11 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(3AF2FF)	Ratio: 2.45 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 12.41 Passed ⁶
Hex(807378)	Ratio: 1.35 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.30 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0053)	Ratio: 1.87 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(40001C)	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 12.41 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.71 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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