

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FF4BA5) Hex(FF2693) Hex(4BFFFF) Hex(807379) Hex(BF0060) Hex(400020)

Hex(FF4BA5)		Ratio: 1.14 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(FF2693)	Ratio: 1.14 Failed ⁵		Ratio: 2.86 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(4BFFFF)	Ratio: 2.51 Failed ⁵	Ratio: 2.86 Failed ⁵		Ratio: 3.67 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 13.76 Passed ⁶
Hex(807379)	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.67 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(BF0060)	Ratio: 2.01 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(400020)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 13.76 Passed ⁶	Ratio: 3.75 AA 18pt ²	Ratio: 2.73 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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