

Converting Colors - WCAG Matrix

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

Hex(FF4F7D) Hex(FF2B63) Hex(4FD6FF) Hex(807376) Hex(BF0032) Hex(400011)

	Hex(FF4F7D)	Hex(FF2B63)	Hex(4FD6FF)	Hex(807376)	Hex(BF0032)	Hex(400011)
Hex(FF4F7D)		Ratio: 1.15 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴
Hex(FF2B63)	Ratio: 1.15 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(4FD6FF)	Ratio: 1.86 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 10.11 Passed ⁶
Hex(807376)	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(BF0032)	Ratio: 2.04 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 2.66 Failed ⁵
Hex(400011)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 10.11 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.66 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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