

Converting Colors - WCAG Matrix

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

Hex(FFA8DF) Hex(FF96D9) Hex(FFA8B4) Hex(80737B) Hex(BF0079) Hex(400028)

	Hex(FFA8DF)	Hex(FF96D9)	Hex(FFA8B4)	Hex(80737B)	Hex(BF0079)	Hex(400028)
Hex(FFA8DF)		Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 9.55 Passed ⁶
Hex(FF96D9)	Ratio: 1.12 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 8.50 Passed ⁶
Hex(FFA8B4)	Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 9.22 Passed ⁶
Hex(80737B)	Ratio: 2.56 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF0079)	Ratio: 3.41 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(400028)	Ratio: 9.55 Passed ⁶	Ratio: 8.50 Passed ⁶	Ratio: 9.22 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.80 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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