

Converting Colors - WCAG Matrix

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

Hex(FFCFF5) Hex(FFC4F2) Hex(CFDCFF) Hex(80737D) Hex(BF0096) Hex(400032)

	Hex(FFCFF5)	Hex(FFC4F2)	Hex(CFDCFF)	Hex(80737D)	Hex(BF0096)	Hex(400032)
Hex(FFCFF5)		Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 12.26 Passed ⁶
Hex(FFC4F2)	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 11.42 Passed ⁶
Hex(CFDCFF)	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.29 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 12.13 Passed ⁶
Hex(80737D)	Ratio: 3.32 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 3.29 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(BF0096)	Ratio: 4.24 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 4.19 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(400032)	Ratio: 12.26 Passed ⁶	Ratio: 11.42 Passed ⁶	Ratio: 12.13 Passed ⁶	Ratio: 3.69 AA 18pt ²	Ratio: 2.89 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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