

Converting Colors - WCAG Matrix

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

Hex(FFF0FA) Hex(FFEDF9) Hex(F0FFFC) Hex(80757C) Hex(BF0082) Hex(40002B)

	Hex(FFF0FA)	Hex(FFEDF9)	Hex(F0FFFC)	Hex(80757C)	Hex(BF0082)	Hex(40002B)
Hex(FFF0FA)		Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 15.24 Passed ⁶
Hex(FFEDF9)	Ratio: 1.02 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 14.95 Passed ⁶
Hex(F0FFFC)	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 4.29 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 16.30 Passed ⁶
Hex(80757C)	Ratio: 4.02 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.29 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(BF0082)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(40002B)	Ratio: 15.24 Passed ⁶	Ratio: 14.95 Passed ⁶	Ratio: 16.30 Passed ⁶	Ratio: 3.79 AA 18pt ²	Ratio: 2.82 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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