

Converting Colors - WCAG Matrix

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

Hex(F0DCFF) Hex(EED6FF) Hex(FFDCFD) Hex(7A7380) Hex(6D00BF) Hex(240040)

	Hex(F0DCFF)	Hex(EED6FF)	Hex(FFDCFD)	Hex(7A7380)	Hex(6D00BF)	Hex(240040)
Hex(F0DCFF)		Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 14.26 Passed ⁶
Hex(EED6FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 13.66 Passed ⁶
Hex(FFDCFD)	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 7.04 Passed ⁶	Ratio: 14.72 Passed ⁶
Hex(7A7380)	Ratio: 3.57 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 3.68 AA 18pt ²		Ratio: 1.91 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(6D00BF)	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 7.04 Passed ⁶	Ratio: 1.91 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(240040)	Ratio: 14.26 Passed ⁶	Ratio: 13.66 Passed ⁶	Ratio: 14.72 Passed ⁶	Ratio: 4.00 AA 18pt ²	Ratio: 2.09 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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