

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(EFBFFF) Hex(ECB3FF) Hex(FFBFF0) Hex(7C7380) Hex(8F00BF) Hex(300040)

Hex(EFBFFF)		Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 11.31 Passed ⁶
Hex(ECB3FF)	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 10.38 Passed ⁶
Hex(FFBFF0)	Ratio: 1.03 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 11.64 Passed ⁶
Hex(7C7380)	Ratio: 2.94 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.02 AA 18pt ²		Ratio: 1.58 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(8F00BF)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(300040)	Ratio: 11.31 Passed ⁶	Ratio: 10.38 Passed ⁶	Ratio: 11.64 Passed ⁶	Ratio: 3.85 AA 18pt ²	Ratio: 2.43 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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