

Converting Colors - WCAG Matrix

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

Hex(F8B2FF) Hex(F7A3FF) Hex(FFB2E0) Hex(7E7380) Hex(AE00BF) Hex(3A0040)

	Hex(F8B2FF)	Hex(F7A3FF)	Hex(FFB2E0)	Hex(7E7380)	Hex(AE00BF)	Hex(3A0040)
Hex(F8B2FF)		Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 10.21 Passed ⁶
Hex(F7A3FF)	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 9.28 Passed ⁶
Hex(FFB2E0)	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 10.12 Passed ⁶
Hex(7E7380)	Ratio: 2.75 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.73 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(AE00BF)	Ratio: 3.60 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(3A0040)	Ratio: 10.21 Passed ⁶	Ratio: 9.28 Passed ⁶	Ratio: 10.12 Passed ⁶	Ratio: 3.71 AA 18pt ²	Ratio: 2.83 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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