

Converting Colors - WCAG Matrix

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

Hex(F778F5) Hex(FF61FC) Hex(F778B5) Hex(7A6E7A) Hex(BA00B6) Hex(3B0039)

	Hex(F778F5)	Hex(FF61FC)	Hex(F778B5)	Hex(7A6E7A)	Hex(BA00B6)	Hex(3B0039)
Hex(F778F5)		Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 7.20 Passed ⁶
Hex(FF61FC)	Ratio: 1.07 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 6.72 AA ¹ AAA 18pt ⁴
Hex(F778B5)	Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(7A6E7A)	Ratio: 2.06 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(BA00B6)	Ratio: 2.38 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(3B0039)	Ratio: 7.20 Passed ⁶	Ratio: 6.72 AA ¹ AAA 18pt ⁴	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 3.02 AA 18pt ²	

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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