

Converting Colors - WCAG Matrix

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

Hex(F5F2FA) Hex(F9F5FF) Hex(F9F2FA) Hex(79777D) Hex(4800BD) Hex(17003D)

	Hex(F5F2FA)	Hex(F9F5FF)	Hex(F9F2FA)	Hex(79777D)	Hex(4800BD)	Hex(17003D)
Hex(F5F2FA)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 9.43 Passed ⁶	Ratio: 17.18 Passed ⁶
Hex(F9F5FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 9.72 Passed ⁶	Ratio: 17.70 Passed ⁶
Hex(F9F2FA)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 4.02 AA 18pt ²	Ratio: 9.51 Passed ⁶	Ratio: 17.31 Passed ⁶
Hex(79777D)	Ratio: 3.99 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.02 AA 18pt ²		Ratio: 2.36 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(4800BD)	Ratio: 9.43 Passed ⁶	Ratio: 9.72 Passed ⁶	Ratio: 9.51 Passed ⁶	Ratio: 2.36 Failed ⁵		Ratio: 1.82 Failed ⁵
Hex(17003D)	Ratio: 17.18 Passed ⁶	Ratio: 17.70 Passed ⁶	Ratio: 17.31 Passed ⁶	Ratio: 4.30 AA 18pt ²	Ratio: 1.82 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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