

Converting Colors - WCAG Matrix

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

Hex(F4EFF9) Hex(F9F2FF) Hex(F9EFF9) Hex(79757D) Hex(5E00BD) Hex(1F003D)

	Hex(F4EFF9)	Hex(F9F2FF)	Hex(F9EFF9)	Hex(79757D)	Hex(5E00BD)	Hex(1F003D)
Hex(F4EFF9)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 8.40 Passed ⁶	Ratio: 16.49 Passed ⁶
Hex(F9F2FF)	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 8.67 Passed ⁶	Ratio: 17.03 Passed ⁶
Hex(F9EFF9)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 4.03 AA 18pt ²	Ratio: 8.48 Passed ⁶	Ratio: 16.65 Passed ⁶
Hex(79757D)	Ratio: 3.99 AA 18pt ²	Ratio: 4.12 AA 18pt ²	Ratio: 4.03 AA 18pt ²		Ratio: 2.10 Failed ⁵	Ratio: 4.13 AA 18pt ²
Hex(5E00BD)	Ratio: 8.40 Passed ⁶	Ratio: 8.67 Passed ⁶	Ratio: 8.48 Passed ⁶	Ratio: 2.10 Failed ⁵		Ratio: 1.96 Failed ⁵
Hex(1F003D)	Ratio: 16.49 Passed ⁶	Ratio: 17.03 Passed ⁶	Ratio: 16.65 Passed ⁶	Ratio: 4.13 AA 18pt ²	Ratio: 1.96 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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