

Converting Colors - WCAG Matrix

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

Hex(72727D) Hex(FFFFFF) Hex(A6A6B2) Hex(C1C1CD) Hex(DDDE9) Hex(F9F9FF)

	Hex(72727D)	Hex(FFFFFF)	Hex(A6A6B2)	Hex(C1C1CD)	Hex(DDDE9)	Hex(F9F9FF)
Hex(72727D)		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 2.41 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(A6A6B2)	Ratio: 1.97 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(C1C1CD)	Ratio: 2.67 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(DDDE9)	Ratio: 3.53 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(F9F9FF)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 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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