

Converting Colors - WCAG Matrix

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

Hex(767584) Hex(FFFFFF) Hex(AAA9BA) Hex(C6C5D5) Hex(E2E1F2) Hex(FEFDFD)

	Hex(767584)	Hex(FFFFFF)	Hex(AAA9BA)	Hex(C6C5D5)	Hex(E2E1F2)	Hex(FEFDFD)
Hex(767584)		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.46 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 2.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(AAA9BA)	Ratio: 1.96 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(C6C5D5)	Ratio: 2.66 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(E2E1F2)	Ratio: 3.50 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(FEFDFD)	Ratio: 4.46 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 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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