

Converting Colors - WCAG Matrix

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

	Hex(6B6C90)	Hex(8585AB)	Hex(9F9FC6)	Hex(BABAE2)	Hex(D6D6FF)	Hex(F3F2FF)	Hex(FFFFFF)
Hex(6B6C90)		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(8585AB)	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.54 AA 18pt ²
Hex(9F9FC6)	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(BABAE2)	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(D6D6FF)	Ratio: 3.58 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(F3F2FF)	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.19 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.11 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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