

Converting Colors - WCAG Matrix

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

Hex(656AC1) Hex(FFFFFF) Hex(9D9DFA) Hex(B9B8FF) Hex(D6D4FF) Hex(F3F0FF)

	Hex(656AC1)	Hex(FFFFFF)	Hex(9D9DFA)	Hex(B9B8FF)	Hex(D6D4FF)	Hex(F3F0FF)
Hex(656AC1)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 4.27 AA 18pt ²	
Hex(FFFFFF)	Ratio: 4.79 AA ¹ AAA 18pt ⁴		Ratio: 2.43 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(9D9DFA)	Ratio: 1.97 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(B9B8FF)	Ratio: 2.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(D6D4FF)	Ratio: 3.36 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(F3F0FF)	Ratio: 4.27 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.65 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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