

Converting Colors - WCAG Matrix

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

Hex(676CA0) Hex(FFFFFF) Hex(9C9FD7) Hex(B7BAF3) Hex(D3D6FF) Hex(F0F2FF)

	Hex(676CA0)	Hex(FFFFFF)	Hex(9C9FD7)	Hex(B7BAF3)	Hex(D3D6FF)	Hex(F0F2FF)
Hex(676CA0)		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.46 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 2.51 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(9C9FD7)	Ratio: 1.98 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(B7BAF3)	Ratio: 2.68 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(D3D6FF)	Ratio: 3.51 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(F0F2FF)	Ratio: 4.46 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.66 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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