

Converting Colors - WCAG Matrix

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

Hex(727690) Hex(FAFDFF) Hex(A6AAC5) Hex(C1C5E1) Hex(DDE1FE)

Hex(727690)		Ratio: 4.37 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(FAFDFF)	Ratio: 4.37 AA 18pt ²		Ratio: 2.24 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(A6AAC5)	Ratio: 1.95 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C1C5E1)	Ratio: 2.62 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(DDE1FE)	Ratio: 3.46 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 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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