

Converting Colors - WCAG Matrix

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

Hex(6B7EE9) Hex(FFFFFF) Hex(A6B2FF) Hex(C3CEFF) Hex(E1EAFf)

	Hex(6B7EE9)	Hex(FFFFFF)	Hex(A6B2FF)	Hex(C3CEFF)	Hex(E1EAFf)
Hex(6B7EE9)		Ratio: 3.63 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.63 AA 18pt ²		Ratio: 2.01 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(A6B2FF)	Ratio: 1.80 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(C3CEFF)	Ratio: 2.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(E1EAFf)	Ratio: 3.01 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 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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