

Converting Colors - WCAG Matrix

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

Hex(7F9EB2) Hex(FFFFFF) Hex(B5D5EA) Hex(D1F1FF) Hex(EDFFFF)

	Hex(7F9EB2)	Hex(FFFFFF)	Hex(B5D5EA)	Hex(D1F1FF)	Hex(EDFFFF)
Hex(7F9EB2)		Ratio: 2.82 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(FFFFFF)	Ratio: 2.82 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(B5D5EA)	Ratio: 1.84 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(D1F1FF)	Ratio: 2.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(EDFFFF)	Ratio: 2.74 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 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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