

Converting Colors - WCAG Matrix

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

Hex(7C7D9C) Hex(FFFFFF) Hex(B1B2D3) Hex(CDCDEF) Hex(E9E9FF)

	Hex(7C7D9C)	Hex(FFFFFF)	Hex(B1B2D3)	Hex(CDCDEF)	Hex(E9E9FF)
Hex(7C7D9C)		Ratio: 3.98 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.98 AA 18pt ²		Ratio: 2.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(B1B2D3)	Ratio: 1.93 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(CDCDEF)	Ratio: 2.58 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(E9E9FF)	Ratio: 3.33 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 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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