

Converting Colors - WCAG Matrix

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

Hex(7E8284) Hex(FFFFFF) Hex(B3B7B9) Hex(CED2D5) Hex(EAEFF1)

Hex(7E8284)		Ratio: 3.88 AA 18pt²	Ratio: 1.92 Failed⁵	Ratio: 2.55 Failed⁵	Ratio: 3.35 AA 18pt²
Hex(FFFFFF)	Ratio: 3.88 AA 18pt²		Ratio: 2.02 Failed⁵	Ratio: 1.52 Failed⁵	Ratio: 1.16 Failed⁵
Hex(B3B7B9)	Ratio: 1.92 Failed⁵	Ratio: 2.02 Failed⁵		Ratio: 1.33 Failed⁵	Ratio: 1.74 Failed⁵
Hex(CED2D5)	Ratio: 2.55 Failed⁵	Ratio: 1.52 Failed⁵	Ratio: 1.33 Failed⁵		Ratio: 1.31 Failed⁵
Hex(EAEFF1)	Ratio: 3.35 AA 18pt²	Ratio: 1.16 Failed⁵	Ratio: 1.74 Failed⁵	Ratio: 1.31 Failed⁵	

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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