

Converting Colors - WCAG Matrix

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

Hex(465057) Hex(FFFFFF) Hex(778189) Hex(909BA3) Hex(ABB6BE) Hex(C6D2DA) Hex(E2EEF6)

	Hex(465057)	Hex(FFFFFF)	Hex(778189)	Hex(909BA3)	Hex(ABB6BE)	Hex(C6D2DA)	Hex(E2EEF6)
Hex(465057)		Ratio: 8.25 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.99 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 8.25 Passed ⁶		Ratio: 3.97 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(778189)	Ratio: 2.08 Failed ⁵	Ratio: 3.97 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(909BA3)	Ratio: 2.91 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(ABB6BE)	Ratio: 3.99 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(C6D2DA)	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.54 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(E2EEF6)	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 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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