

Converting Colors - WCAG Matrix

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

Hex(5B7A78) Hex(43615F) Hex(2C4948) Hex(153331) Hex(001E1C) Hex(FFFFFF)

	Hex(5B7A78)	Hex(43615F)	Hex(2C4948)	Hex(153331)	Hex(001E1C)	Hex(FFFFFF)
Hex(5B7A78)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(43615F)	Ratio: 1.45 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(2C4948)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 9.75 Passed ⁶
Hex(153331)	Ratio: 2.90 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 13.55 Passed ⁶
Hex(001E1C)	Ratio: 3.74 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 17.47 Passed ⁶
Hex(FFFFFF)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 9.75 Passed ⁶	Ratio: 13.55 Passed ⁶	Ratio: 17.47 Passed ⁶	

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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