

Converting Colors - WCAG Matrix

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

	Hex(4D585A)	Hex(FFFFFF)	Hex(7E8A8C)	Hex(98A4A6)	Hex(B3BFC1)	Hex(CEDBDD)	Hex(EBF8FA)
Hex(4D585A)		Ratio: 7.35 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.35 Passed ⁶		Ratio: 3.56 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(7E8A8C)	Ratio: 2.06 Failed ⁵	Ratio: 3.56 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(98A4A6)	Ratio: 2.87 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(B3BFC1)	Ratio: 3.90 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(CEDBDD)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.42 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(EBF8FA)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.74 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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