

Converting Colors - WCAG Matrix

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

	Hex(556A62)	Hex(6D837B)	Hex(879D95)	Hex(A1B8AF)	Hex(BCD4CB)	Hex(D8F0E7)	Hex(F5FFFF)	Hex(FFFFFF)
Hex(556A62)		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴
Hex(6D837B)	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.05 AA 18pt ²
Hex(879D95)	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(A1B8AF)	Ratio: 2.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(BCD4CB)	Ratio: 3.70 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(D8F0E7)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(F5FFFF)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.02 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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