

Converting Colors - WCAG Matrix

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

Hex(525B56) Hex(FFFFFF) Hex(838D87) Hex(9DA7A2) Hex(B8C3BD) Hex(D4DFD8) Hex(F0FBF5)

	Hex(525B56)	Hex(FFFFFF)	Hex(838D87)	Hex(9DA7A2)	Hex(B8C3BD)	Hex(D4DFD8)	Hex(F0FBF5)
Hex(525B56)		Ratio: 7.02 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 6.63 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.02 Passed ⁶		Ratio: 3.43 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(838D87)	Ratio: 2.05 Failed ⁵	Ratio: 3.43 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(9DA7A2)	Ratio: 2.84 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(B8C3BD)	Ratio: 3.87 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(D4DFD8)	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.29 Failed ⁵
Hex(F0FBF5)	Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 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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