

Converting Colors - WCAG Matrix

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

	Hex(2C3A36)	Hex(F1FFFD)	Hex(5A6964)	Hex(72827D)	Hex(8C9C97)	Hex(A6B7B2)	Hex(C1D3CD)	Hex(DDEF9E9)
Hex(2C3A36)		Ratio: 11.59 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 7.63 Passed ⁶	Ratio: 9.97 Passed ⁶
Hex(F1FFFD)	Ratio: 11.59 Passed ⁶		Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(5A6964)	Ratio: 2.06 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴		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
Hex(72827D)	Ratio: 2.95 Failed ⁵	Ratio: 3.93 AA 18pt ²	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
Hex(8C9C97)	Ratio: 4.14 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(A6B7B2)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(C1D3CD)	Ratio: 7.63 Passed ⁶	Ratio: 1.52 Failed ⁵	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
Hex(DDEF9E9)	Ratio: 9.97 Passed ⁶	Ratio: 1.16 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.38 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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