

Converting Colors - WCAG Matrix

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

	Hex(001A1C)	Hex(CAFDFF)	Hex(114447)	Hex(2C5C5F)	Hex(457577)	Hex(5E8E91)	Hex(78A9AB)	Hex(93C4C7)	Hex(AEE0E3)
Hex(001A1C)		Ratio: 16.32 Passed ⁶	Ratio: 1.67 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 9.41 Passed ⁶	Ratio: 12.51 Passed ⁶
Hex(CAFDFF)	Ratio: 16.32 Passed ⁶		Ratio: 9.79 Passed ⁶	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(114447)	Ratio: 1.67 Failed ⁵	Ratio: 9.79 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 7.50 Passed ⁶
Hex(2C5C5F)	Ratio: 2.41 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(457577)	Ratio: 3.49 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(5E8E91)	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(78A9AB)	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 2.36 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(93C4C7)	Ratio: 9.41 Passed ⁶	Ratio: 1.73 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(AEE0E3)	Ratio: 12.51 Passed ⁶	Ratio: 1.30 Failed ⁵	Ratio: 7.50 Passed ⁶	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 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.

This PDF was generated on convertingcolors.com.