

Converting Colors - WCAG Matrix

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

	Hex(121E19)	Hex(F2FFFB)	Hex(3C4A44)	Hex(53615B)	Hex(6C7A74)	Hex(85948D)	Hex(9FAFA7)	Hex(BACAC3)	Hex(D6E6DF)
Hex(121E19)		Ratio: 16.71 Passed ⁶	Ratio: 1.84 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 7.48 Passed ⁶	Ratio: 10.06 Passed ⁶	Ratio: 13.26 Passed ⁶
Hex(F2FFFB)	Ratio: 16.71 Passed ⁶		Ratio: 9.08 Passed ⁶	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(3C4A44)	Ratio: 1.84 Failed ⁵	Ratio: 9.08 Passed ⁶		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 7.20 Passed ⁶
Hex(53615B)	Ratio: 2.63 Failed ⁵	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(6C7A74)	Ratio: 3.81 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(85948D)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 3.09 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(9FAFA7)	Ratio: 7.48 Passed ⁶	Ratio: 2.23 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(BACAC3)	Ratio: 10.06 Passed ⁶	Ratio: 1.66 Failed ⁵	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.82 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(D6E6DF)	Ratio: 13.26 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 7.20 Passed ⁶	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 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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