

Converting Colors - WCAG Matrix

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

	Hex(191C10)	Hex(FCFF00)	Hex(44473A)	Hex(5C5F51)	Hex(74786A)	Hex(8E9183)	Hex(A8AC9D)	Hex(C3C7B8)	Hex(DFE3D3)
Hex(191C10)		Ratio: 17.04 Passed ⁶	Ratio: 1.82 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 13.22 Passed ⁶
Hex(FCFF00)	Ratio: 17.04 Passed ⁶		Ratio: 9.37 Passed ⁶	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 4.46 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(44473A)	Ratio: 1.82 Failed ⁵	Ratio: 9.37 Passed ⁶		Ratio: 1.45 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 7.28 Passed ⁶
Hex(5C5F51)	Ratio: 2.64 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(74786A)	Ratio: 3.82 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(8E9183)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 3.17 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(A8AC9D)	Ratio: 7.45 Passed ⁶	Ratio: 2.29 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C3C7B8)	Ratio: 10.03 Passed ⁶	Ratio: 1.70 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 3.79 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(DFE3D3)	Ratio: 13.22 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 7.28 Passed ⁶	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 2.46 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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