

Converting Colors - WCAG Matrix

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

	Hex(113A1A)	Hex(FCFFFF)	Hex(416A46)	Hex(59835E)	Hex(729D76)	Hex(8CB890)	Hex(A7D4AB)	Hex(C3F1C6)	Hex(DFFFE2)
Hex(113A1A)		Ratio: 12.70 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 10.17 Passed ⁶	Ratio: 11.89 Passed ⁶
Hex(FCFFFF)	Ratio: 12.70 Passed ⁶		Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(416A46)	Ratio: 2.05 Failed ⁵	Ratio: 6.19 AA ¹ AAA 18pt ⁴		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴
Hex(59835E)	Ratio: 2.94 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.04 AA 18pt ²
Hex(729D76)	Ratio: 4.14 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(8CB890)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(A7D4AB)	Ratio: 7.69 Passed ⁶	Ratio: 1.65 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(C3F1C6)	Ratio: 10.17 Passed ⁶	Ratio: 1.25 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(DFFFE2)	Ratio: 11.89 Passed ⁶	Ratio: 1.07 Failed ⁵	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.17 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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