

Converting Colors - WCAG Matrix

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

Hex(C1C14C) Hex(FAFA43) Hex(87C14C) Hex(616157) Hex(A1A100) Hex(212100)

	Hex(C1C14C)	Hex(FAFA43)	Hex(87C14C)	Hex(616157)	Hex(A1A100)	Hex(212100)
Hex(C1C14C)		Ratio: 1.71 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 8.58 Passed ⁶
Hex(FAFA43)	Ratio: 1.71 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.47 Failed ⁵	Ratio: 14.68 Passed ⁶
Hex(87C14C)	Ratio: 1.13 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 7.61 Passed ⁶
Hex(616157)	Ratio: 3.28 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(A1A100)	Ratio: 1.44 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(212100)	Ratio: 8.58 Passed ⁶	Ratio: 14.68 Passed ⁶	Ratio: 7.61 Passed ⁶	Ratio: 2.62 Failed ⁵	Ratio: 5.94 AA ¹ AAA 18pt ⁴	

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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