

Converting Colors - WCAG Matrix

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

Hex(C4C689) Hex(FCFFA1) Hex(A6C689) Hex(63635A) Hex(9EA300) Hex(232400)

Hex(C4C689)		Ratio: 1.69 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 8.90 Passed ⁶
Hex(FCFFA1)	Ratio: 1.69 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 2.59 Failed ⁵	Ratio: 15.08 Passed ⁶
Hex(A6C689)	Ratio: 1.07 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 8.35 Passed ⁶
Hex(63635A)	Ratio: 3.40 AA 18pt ²	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 3.19 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(9EA300)	Ratio: 1.53 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(232400)	Ratio: 8.90 Passed ⁶	Ratio: 15.08 Passed ⁶	Ratio: 8.35 Passed ⁶	Ratio: 2.62 Failed ⁵	Ratio: 5.81 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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