

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(423A0D) Hex(574A03) Hex(30420D) Hex(21211E) Hex(615200) Hex(E0BF00)

Hex(423A0D)		Ratio: 1.29 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 6.31 AA ¹ AAA 18pt ⁴
Hex(574A03)	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(30420D)	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(21211E)	Ratio: 1.42 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 8.93 Passed ⁶
Hex(615200)	Ratio: 1.47 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.28 AA 18pt ²
Hex(E0BF00)	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 8.93 Passed ⁶	Ratio: 4.28 AA 18pt ²	

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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