

Converting Colors - WCAG Matrix

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

Hex(423600) Hex(574700) Hex(2E4200) Hex(21211E) Hex(614F00) Hex(E0B700)

	Hex(423600)	Hex(574700)	Hex(2E4200)	Hex(21211E)	Hex(614F00)	Hex(E0B700)
Hex(423600)		Ratio: 1.31 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(574700)	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴
Hex(2E4200)	Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(21211E)	Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 8.41 Passed ⁶
Hex(614F00)	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 4.17 AA 18pt ²
Hex(E0B700)	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 8.41 Passed ⁶	Ratio: 4.17 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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