

Converting Colors - WCAG Matrix

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

Hex(4D670B) Hex(618700) Hex(20670B) Hex(32332E) Hex(527300) Hex(AEF200)

	Hex(4D670B)	Hex(618700)	Hex(20670B)	Hex(32332E)	Hex(527300)	Hex(AEF200)
Hex(4D670B)		Ratio: 1.53 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(618700)	Ratio: 1.53 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(20670B)	Ratio: 1.08 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(32332E)	Ratio: 1.98 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.82 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 9.40 Passed ⁶
Hex(527300)	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 4.07 AA 18pt ²
Hex(AEF200)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.12 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 9.40 Passed ⁶	Ratio: 4.07 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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