

Converting Colors - WCAG Matrix

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

Hex(514528) Hex(695629) Hex(495128) Hex(292825) Hex(694A00) Hex(E8A400)

	Hex(514528)	Hex(695629)	Hex(495128)	Hex(292825)	Hex(694A00)	Hex(E8A400)
Hex(514528)		Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.36 AA 18pt ²
Hex(695629)	Ratio: 1.33 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(495128)	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(292825)	Ratio: 1.57 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 6.84 AA ¹ AAA 18pt ⁴
Hex(694A00)	Ratio: 1.16 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 3.78 AA 18pt ²
Hex(E8A400)	Ratio: 4.36 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 3.78 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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