

Converting Colors - WCAG Matrix

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

Hex(C74D4B) Hex(FF4340) Hex(C7894B) Hex(635A5A) Hex(A30300) Hex(240100)

	Hex(C74D4B)	Hex(FF4340)	Hex(C7894B)	Hex(635A5A)	Hex(A30300)	Hex(240100)
Hex(C74D4B)		Ratio: 1.33 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(FF4340)	Ratio: 1.33 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴
Hex(C7894B)	Ratio: 1.55 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(635A5A)	Ratio: 1.46 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A30300)	Ratio: 1.79 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240100)	Ratio: 4.25 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵	Ratio: 2.38 Failed ⁵	

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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