

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CE3F51) Hex(FF2B47) Hex(CE733F) Hex(665C5D) Hex(A60015) Hex(260005)

	Hex(CE3F51)	Hex(FF2B47)	Hex(CE733F)	Hex(665C5D)	Hex(A60015)	Hex(260005)
Hex(CE3F51)		Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 4.11 AA 18pt ²
Hex(FF2B47)	Ratio: 1.28 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(CE733F)	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(665C5D)	Ratio: 1.37 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60015)	Ratio: 1.69 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260005)	Ratio: 4.11 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 2.43 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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