

Converting Colors - WCAG Matrix

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

Hex(CC2100) Hex(FF2900) Hex(CC8500) Hex(665D5C) Hex(A61B00) Hex(260600)

	Hex(CC2100)	Hex(FF2900)	Hex(CC8500)	Hex(665D5C)	Hex(A61B00)	Hex(260600)
Hex(CC2100)		Ratio: 1.47 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(FF2900)	Ratio: 1.47 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(CC8500)	Ratio: 1.83 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(665D5C)	Ratio: 1.15 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(A61B00)	Ratio: 1.36 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(260600)	Ratio: 3.41 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 2.96 Failed ⁵	Ratio: 2.51 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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