

Converting Colors - WCAG Matrix

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

Hex(CC555D) Hex(FF4D58) Hex(CC8755) Hex(665C5C) Hex(A6000B) Hex(260003)

	Hex(CC555D)	Hex(FF4D58)	Hex(CC8755)	Hex(665C5C)	Hex(A6000B)	Hex(260003)
Hex(CC555D)		Ratio: 1.28 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(FF4D58)	Ratio: 1.28 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴
Hex(CC8755)	Ratio: 1.43 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 6.61 AA ¹ AAA 18pt ⁴
Hex(665C5C)	Ratio: 1.55 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6000B)	Ratio: 1.91 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(260003)	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 2.42 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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