

Converting Colors - WCAG Matrix

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

Hex(CF63C8) Hex(FF5EF4) Hex(CFA063) Hex(695E68) Hex(A8009D) Hex(290026)

	Hex(CF63C8)	Hex(FF5EF4)	Hex(CFA063)	Hex(695E68)	Hex(A8009D)	Hex(290026)
Hex(CF63C8)		Ratio: 1.30 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(FF5EF4)	Ratio: 1.30 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 7.27 Passed ⁶
Hex(CFA063)	Ratio: 1.41 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 7.90 Passed ⁶
Hex(695E68)	Ratio: 1.84 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.61 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(A8009D)	Ratio: 1.99 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(290026)	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 7.27 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 3.03 AA 18pt ²	Ratio: 2.81 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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