

Converting Colors - WCAG Matrix

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

Hex(C0868A) Hex(FAA0A5) Hex(86A7C0) Hex(615758) Hex(A10009) Hex(210002)

	Hex(C0868A)	Hex(FAA0A5)	Hex(86A7C0)	Hex(615758)	Hex(A10009)	Hex(210002)
Hex(C0868A)		Ratio: 1.52 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 6.59 AA ¹ AAA 18pt ⁴
Hex(FAA0A5)	Ratio: 1.52 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 9.98 Passed ⁶
Hex(86A7C0)	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 7.79 Passed ⁶
Hex(615758)	Ratio: 2.33 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.76 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(A10009)	Ratio: 2.79 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(210002)	Ratio: 6.59 AA ¹ AAA 18pt ⁴	Ratio: 9.98 Passed ⁶	Ratio: 7.79 Passed ⁶	Ratio: 2.83 Failed ⁵	Ratio: 2.36 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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