

Converting Colors - WCAG Matrix

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

Hex(C9A1A7) Hex(FFC2CB) Hex(A1C9AE) Hex(635A5B) Hex(A3001A) Hex(240006)

	Hex(C9A1A7)	Hex(FFC2CB)	Hex(A1C9AE)	Hex(635A5B)	Hex(A3001A)	Hex(240006)
Hex(C9A1A7)		Ratio: 1.51 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 8.48 Passed ⁶
Hex(FFC2CB)	Ratio: 1.51 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 12.84 Passed ⁶
Hex(A1C9AE)	Ratio: 1.26 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.65 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 10.65 Passed ⁶
Hex(635A5B)	Ratio: 2.91 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 3.65 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A3001A)	Ratio: 3.55 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 4.46 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.39 Failed ⁵
Hex(240006)	Ratio: 8.48 Passed ⁶	Ratio: 12.84 Passed ⁶	Ratio: 10.65 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 2.39 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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