

Converting Colors - WCAG Matrix

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

Hex(CF9FB2) Hex(FFB8D4) Hex(CFA49F) Hex(695E62) Hex(A80043) Hex(290010)

	Hex(CF9FB2)	Hex(FFB8D4)	Hex(CFA49F)	Hex(695E62)	Hex(A80043)	Hex(290010)
Hex(CF9FB2)		Ratio: 1.41 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 8.40 Passed ⁶
Hex(FFB8D4)	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 11.85 Passed ⁶
Hex(CFA49F)	Ratio: 1.02 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.80 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 8.59 Passed ⁶
Hex(695E62)	Ratio: 2.74 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.80 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A80043)	Ratio: 3.37 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(290010)	Ratio: 8.40 Passed ⁶	Ratio: 11.85 Passed ⁶	Ratio: 8.59 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.49 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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