

Converting Colors - WCAG Matrix

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

Hex(F0C6C7) Hex(FFC9CB) Hex(F0DAC6) Hex(786C6C) Hex(B80004) Hex(380001)

	Hex(F0C6C7)	Hex(FFC9CB)	Hex(F0DAC6)	Hex(786C6C)	Hex(B80004)	Hex(380001)
Hex(F0C6C7)		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 11.64 Passed ⁶
Hex(FFC9CB)	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 12.38 Passed ⁶
Hex(F0DAC6)	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 13.31 Passed ⁶
Hex(786C6C)	Ratio: 3.27 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.74 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(B80004)	Ratio: 4.48 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(380001)	Ratio: 11.64 Passed ⁶	Ratio: 12.38 Passed ⁶	Ratio: 13.31 Passed ⁶	Ratio: 3.56 AA 18pt ²	Ratio: 2.60 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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