

Converting Colors - WCAG Matrix

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

Hex(FFC1AA) Hex(FFB599) Hex(FFEBA) Hex(807673) Hex(BF3400) Hex(401100)

	Hex(FFC1AA)	Hex(FFB599)	Hex(FFEBA)	Hex(807673)	Hex(BF3400)	Hex(401100)
Hex(FFC1AA)		Ratio: 1.09 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 10.37 Passed ⁶
Hex(FFB599)	Ratio: 1.09 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 9.49 Passed ⁶
Hex(FFEBA)	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 13.65 Passed ⁶
Hex(807673)	Ratio: 2.83 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(BF3400)	Ratio: 3.63 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(401100)	Ratio: 10.37 Passed ⁶	Ratio: 9.49 Passed ⁶	Ratio: 13.65 Passed ⁶	Ratio: 3.66 AA 18pt ²	Ratio: 2.86 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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