

Converting Colors - WCAG Matrix

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

Hex(FFA09A) Hex(FF8E87) Hex(FFD29A) Hex(807473) Hex(BF0B00) Hex(400400)

	Hex(FFA09A)	Hex(FF8E87)	Hex(FFD29A)	Hex(807473)	Hex(BF0B00)	Hex(400400)
Hex(FFA09A)		Ratio: 1.13 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 8.70 Passed ⁶
Hex(FF8E87)	Ratio: 1.13 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 7.67 Passed ⁶
Hex(FFD29A)	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 12.09 Passed ⁶
Hex(807473)	Ratio: 2.30 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.20 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF0B00)	Ratio: 3.29 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400400)	Ratio: 8.70 Passed ⁶	Ratio: 7.67 Passed ⁶	Ratio: 12.09 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.64 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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