

Converting Colors - WCAG Matrix

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

Hex(FF8A87) Hex(FF7470) Hex(FFC587) Hex(807373) Hex(BF0500) Hex(400200)

	Hex(FF8A87)	Hex(FF7470)	Hex(FFC587)	Hex(807373)	Hex(BF0500)	Hex(400200)
Hex(FF8A87)		Ratio: 1.16 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 7.53 Passed ⁶
Hex(FF7470)	Ratio: 1.16 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(FFC587)	Ratio: 1.47 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 11.08 Passed ⁶
Hex(807373)	Ratio: 2.00 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.94 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0500)	Ratio: 2.85 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(400200)	Ratio: 7.53 Passed ⁶	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 11.08 Passed ⁶	Ratio: 3.76 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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