

Converting Colors - WCAG Matrix

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

Hex(FFA494) Hex(FF9380) Hex(FFDA94) Hex(807573) Hex(BF1D00) Hex(400A00)

	Hex(FFA494)	Hex(FF9380)	Hex(FFDA94)	Hex(807573)	Hex(BF1D00)	Hex(400A00)
Hex(FFA494)		Ratio: 1.13 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 8.71 Passed ⁶
Hex(FF9380)	Ratio: 1.13 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 7.72 Passed ⁶
Hex(FFDA94)	Ratio: 1.43 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 12.45 Passed ⁶
Hex(807573)	Ratio: 2.33 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.34 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF1D00)	Ratio: 3.24 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400A00)	Ratio: 8.71 Passed ⁶	Ratio: 7.72 Passed ⁶	Ratio: 12.45 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.69 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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