

Converting Colors - WCAG Matrix

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

Hex(FFB884) Hex(FFAA6B) Hex(FFF584) Hex(807873) Hex(BF5100) Hex(401B00)

	Hex(FFB884)	Hex(FFAA6B)	Hex(FFF584)	Hex(807873)	Hex(BF5100)	Hex(401B00)
Hex(FFB884)		Ratio: 1.11 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 9.05 Passed ⁶
Hex(FFAA6B)	Ratio: 1.11 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 8.16 Passed ⁶
Hex(FFF584)	Ratio: 1.50 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.84 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 13.56 Passed ⁶
Hex(807873)	Ratio: 2.56 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 3.84 AA 18pt ²		Ratio: 1.10 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(BF5100)	Ratio: 2.83 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 3.19 AA 18pt ²
Hex(401B00)	Ratio: 9.05 Passed ⁶	Ratio: 8.16 Passed ⁶	Ratio: 13.56 Passed ⁶	Ratio: 3.53 AA 18pt ²	Ratio: 3.19 AA 18pt ²	

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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