

Converting Colors - WCAG Matrix

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

Hex(FFC485) Hex(FFB96E) Hex(FDFF85) Hex(807973) Hex(BF6300) Hex(402100)

	Hex(FFC485)	Hex(FFB96E)	Hex(FDFF85)	Hex(807973)	Hex(BF6300)	Hex(402100)
Hex(FFC485)		Ratio: 1.09 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 9.39 Passed ⁶
Hex(FFB96E)	Ratio: 1.09 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 8.65 Passed ⁶
Hex(FDFF85)	Ratio: 1.47 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 4.04 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 13.81 Passed ⁶
Hex(807973)	Ratio: 2.75 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 4.04 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(BF6300)	Ratio: 2.70 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 3.48 AA 18pt ²
Hex(402100)	Ratio: 9.39 Passed ⁶	Ratio: 8.65 Passed ⁶	Ratio: 13.81 Passed ⁶	Ratio: 3.41 AA 18pt ²	Ratio: 3.48 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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