

Converting Colors - WCAG Matrix

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

Hex(FFF196) Hex(FFEE80) Hex(DAFF96) Hex(807E73) Hex(BFA500) Hex(403700)

	Hex(FFF196)	Hex(FFEE80)	Hex(DAFF96)	Hex(807E73)	Hex(BFA500)	Hex(403700)
Hex(FFF196)		Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 10.36 Passed ⁶
Hex(FFEE80)	Ratio: 1.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.08 Passed ⁶
Hex(DAFF96)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.64 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 10.61 Passed ⁶
Hex(807E73)	Ratio: 3.55 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.64 AA 18pt ²		Ratio: 1.67 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(BFA500)	Ratio: 2.13 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(403700)	Ratio: 10.36 Passed ⁶	Ratio: 10.08 Passed ⁶	Ratio: 10.61 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	

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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