

Converting Colors - WCAG Matrix

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

Hex(FFFBF4) Hex(FFFAF2) Hex(FEFFF4) Hex(807D78) Hex(BF7A00) Hex(402900)

	Hex(FFFBF4)	Hex(FFFAF2)	Hex(FEFFF4)	Hex(807D78)	Hex(BF7A00)	Hex(402900)
Hex(FFFBF4)		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 13.26 Passed ⁶
Hex(FFFAF2)	Ratio: 1.01 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 13.16 Passed ⁶
Hex(FEFFF4)	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 4.07 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 13.56 Passed ⁶
Hex(807D78)	Ratio: 3.97 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 4.07 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(BF7A00)	Ratio: 3.39 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 3.91 AA 18pt ²
Hex(402900)	Ratio: 13.26 Passed ⁶	Ratio: 13.16 Passed ⁶	Ratio: 13.56 Passed ⁶	Ratio: 3.34 AA 18pt ²	Ratio: 3.91 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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