

Converting Colors - WCAG Matrix

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

Hex(F7F2E6) Hex(FFF9EB) Hex(F4F7E6) Hex(7A776E) Hex(BA8400) Hex(3B2A00)

	Hex(F7F2E6)	Hex(FFF9EB)	Hex(F4F7E6)	Hex(7A776E)	Hex(BA8400)	Hex(3B2A00)
Hex(F7F2E6)		Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 12.39 Passed ⁶
Hex(FFF9EB)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 13.18 Passed ⁶
Hex(F4F7E6)	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 4.11 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 12.72 Passed ⁶
Hex(7A776E)	Ratio: 4.01 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 4.11 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(BA8400)	Ratio: 2.94 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 4.21 AA 18pt ²
Hex(3B2A00)	Ratio: 12.39 Passed ⁶	Ratio: 13.18 Passed ⁶	Ratio: 12.72 Passed ⁶	Ratio: 3.09 AA 18pt ²	Ratio: 4.21 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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