

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F0DFC3) Hex(FFE9C4) Hex(EBF0C3) Hex(78736C) Hex(B87200) Hex(382300)

Hex(F0DFC3)		Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 11.39 Passed ⁶
Hex(FFE9C4)	Ratio: 1.10 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 12.57 Passed ⁶
Hex(EBF0C3)	Ratio: 1.11 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.98 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 12.63 Passed ⁶
Hex(78736C)	Ratio: 3.59 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.98 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(B87200)	Ratio: 2.95 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 3.87 AA 18pt ²
Hex(382300)	Ratio: 11.39 Passed ⁶	Ratio: 12.57 Passed ⁶	Ratio: 12.63 Passed ⁶	Ratio: 3.17 AA 18pt ²	Ratio: 3.87 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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