

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F6CCBC) Hex(FFCCB8) Hex(F6E9BC) Hex(7A726E) Hex(BA3500) Hex(3B1100)

	Hex(F6CCBC)	Hex(FFCCB8)	Hex(F6E9BC)	Hex(7A726E)	Hex(BA3500)	Hex(3B1100)
Hex(F6CCBC)		Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 11.28 Passed ⁶
Hex(FFCCB8)	Ratio: 1.02 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 11.52 Passed ⁶
Hex(F6E9BC)	Ratio: 1.21 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 3.88 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 13.66 Passed ⁶
Hex(7A726E)	Ratio: 3.20 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 3.88 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(BA3500)	Ratio: 3.97 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵		Ratio: 2.84 Failed ⁵
Hex(3B1100)	Ratio: 11.28 Passed ⁶	Ratio: 11.52 Passed ⁶	Ratio: 13.66 Passed ⁶	Ratio: 3.52 AA 18pt ²	Ratio: 2.84 Failed ⁵	

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

Failed 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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