

Converting Colors - WCAG Matrix

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

Hex(F6A5A2) Hex(FF9A96) Hex(F6CFA2) Hex(7A6F6E) Hex(BA0700) Hex(3B0200)

	Hex(F6A5A2)	Hex(FF9A96)	Hex(F6CFA2)	Hex(7A6F6E)	Hex(BA0700)	Hex(3B0200)
Hex(F6A5A2)		Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 9.06 Passed ⁶
Hex(FF9A96)	Ratio: 1.05 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 8.63 Passed ⁶
Hex(F6CFA2)	Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 12.03 Passed ⁶
Hex(7A6F6E)	Ratio: 2.50 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.32 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(BA0700)	Ratio: 3.47 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(3B0200)	Ratio: 9.06 Passed ⁶	Ratio: 8.63 Passed ⁶	Ratio: 12.03 Passed ⁶	Ratio: 3.62 AA 18pt ²	Ratio: 2.61 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

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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