

Converting Colors - WCAG Matrix

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

Hex(F1CD7B) Hex(FFD169) Hex(DBF17B) Hex(78746C) Hex(B88000) Hex(382700)

	Hex(F1CD7B)	Hex(FFD169)	Hex(DBF17B)	Hex(78746C)	Hex(B88000)	Hex(382700)
Hex(F1CD7B)		Ratio: 1.06 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 9.43 Passed ⁶
Hex(FFD169)	Ratio: 1.06 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 9.99 Passed ⁶
Hex(DBF17B)	Ratio: 1.23 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 11.57 Passed ⁶
Hex(78746C)	Ratio: 3.05 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 3.74 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(B88000)	Ratio: 2.25 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 4.20 AA 18pt ²
Hex(382700)	Ratio: 9.43 Passed ⁶	Ratio: 9.99 Passed ⁶	Ratio: 11.57 Passed ⁶	Ratio: 3.09 AA 18pt ²	Ratio: 4.20 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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