

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FFDED7) Hex(FFD7CF) Hex(FFF2D7) Hex(807573) Hex(BF2200) Hex(400B00)

Hex(FFDED7)		Ratio: 1.05 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 3.54 AA 18pt²	Ratio: 4.84 AA¹ AAA 18pt⁴	Ratio: 13.18 Passed⁶
Hex(FFD7CF)	Ratio: 1.05 Failed⁵		Ratio: 1.19 Failed⁵	Ratio: 3.37 AA 18pt²	Ratio: 4.61 AA¹ AAA 18pt⁴	Ratio: 12.54 Passed⁶
Hex(FFF2D7)	Ratio: 1.14 Failed⁵	Ratio: 1.19 Failed⁵		Ratio: 4.02 AA 18pt²	Ratio: 5.50 AA¹ AAA 18pt⁴	Ratio: 14.96 Passed⁶
Hex(807573)	Ratio: 3.54 AA 18pt²	Ratio: 3.37 AA 18pt²	Ratio: 4.02 AA 18pt²		Ratio: 1.37 Failed⁵	Ratio: 3.72 AA 18pt²
Hex(BF2200)	Ratio: 4.84 AA¹ AAA 18pt⁴	Ratio: 4.61 AA¹ AAA 18pt⁴	Ratio: 5.50 AA¹ AAA 18pt⁴	Ratio: 1.37 Failed⁵		Ratio: 2.72 Failed⁵
Hex(400B00)	Ratio: 13.18 Passed⁶	Ratio: 12.54 Passed⁶	Ratio: 14.96 Passed⁶	Ratio: 3.72 AA 18pt²	Ratio: 2.72 Failed⁵	

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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