

Converting Colors - WCAG Matrix

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

Hex(FFD8B3) Hex(FFD0A3) Hex(FFFEB3) Hex(807973) Hex(BF5D00) Hex(401F00)

	Hex(FFD8B3)	Hex(FFD0A3)	Hex(FFFEB3)	Hex(807973)	Hex(BF5D00)	Hex(401F00)
Hex(FFD8B3)		Ratio: 1.06 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 11.12 Passed ⁶
Hex(FFD0A3)	Ratio: 1.06 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 10.47 Passed ⁶
Hex(FFFEB3)	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 4.10 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 14.20 Passed ⁶
Hex(807973)	Ratio: 3.21 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 4.10 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(BF5D00)	Ratio: 3.29 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 3.38 AA 18pt ²
Hex(401F00)	Ratio: 11.12 Passed ⁶	Ratio: 10.47 Passed ⁶	Ratio: 14.20 Passed ⁶	Ratio: 3.47 AA 18pt ²	Ratio: 3.38 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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