

Converting Colors - WCAG Matrix

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

Hex(F7BD96) Hex(FFB587) Hex(F7ED96) Hex(7D7570) Hex(BD4A00) Hex(3D1700)

	Hex(F7BD96)	Hex(FFB587)	Hex(F7ED96)	Hex(7D7570)	Hex(BD4A00)	Hex(3D1700)
Hex(F7BD96)		Ratio: 1.04 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 9.59 Passed ⁶
Hex(FFB587)	Ratio: 1.04 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 9.24 Passed ⁶
Hex(F7ED96)	Ratio: 1.38 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.77 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 13.25 Passed ⁶
Hex(7D7570)	Ratio: 2.73 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.77 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(BD4A00)	Ratio: 3.06 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 3.14 AA 18pt ²
Hex(3D1700)	Ratio: 9.59 Passed ⁶	Ratio: 9.24 Passed ⁶	Ratio: 13.25 Passed ⁶	Ratio: 3.52 AA 18pt ²	Ratio: 3.14 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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