

Converting Colors - WCAG Matrix

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

Hex(7B4F00) Hex(A16700) Hex(6A7B00) Hex(3D3B37) Hex(7D5000) Hex(FCA200)

	Hex(7B4F00)	Hex(A16700)	Hex(6A7B00)	Hex(3D3B37)	Hex(7D5000)	Hex(FCA200)
Hex(7B4F00)		Ratio: 1.50 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(A16700)	Ratio: 1.50 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(6A7B00)	Ratio: 1.50 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(3D3B37)	Ratio: 1.58 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(7D5000)	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.41 AA 18pt ²
Hex(FCA200)	Ratio: 3.48 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.41 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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