

Converting Colors - WCAG Matrix

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

Hex(7D4014) Hex(A34500) Hex(7D7314) Hex(403D38) Hex(803600) Hex(000000)

	Hex(7D4014)	Hex(A34500)	Hex(7D7314)	Hex(403D38)	Hex(803600)	Hex(000000)
Hex(7D4014)		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(A34500)	Ratio: 1.30 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(7D7314)	Ratio: 1.66 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 4.33 AA 18pt ²
Hex(403D38)	Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(803600)	Ratio: 1.07 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(000000)	Ratio: 2.62 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 2.45 Failed ⁵	

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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