

Converting Colors - WCAG Matrix

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

Hex(00733B) Hex(00964D) Hex(007373) Hex(353B38) Hex(007A3F) Hex(00FA80)

Hex(00733B)		Ratio: 1.56 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.26 AA 18pt ²
Hex(00964D)	Ratio: 1.56 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(007373)	Ratio: 1.05 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(353B38)	Ratio: 1.92 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 8.17 Passed ⁶
Hex(007A3F)	Ratio: 1.10 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 3.89 AA 18pt ²
Hex(00FA80)	Ratio: 4.26 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 8.17 Passed ⁶	Ratio: 3.89 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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