

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(008951) Hex(00B369) Hex(007E89) Hex(3E4542) Hex(00854E) Hex(000503)

	Hex(008951)	Hex(00B369)	Hex(007E89)	Hex(3E4542)	Hex(00854E)	Hex(000503)
Hex(008951)		Ratio: 1.63 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(00B369)	Ratio: 1.63 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 7.48 Passed ⁶
Hex(007E89)	Ratio: 1.08 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(3E4542)	Ratio: 2.20 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.04 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(00854E)	Ratio: 1.05 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.36 AA 18pt ²
Hex(000503)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 7.48 Passed ⁶	Ratio: 4.25 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 4.36 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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