

Converting Colors - WCAG Matrix

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

Hex(006E40) Hex(008F53) Hex(00676E) Hex(323836) Hex(007846) Hex(00F790)

	Hex(006E40)	Hex(008F53)	Hex(00676E)	Hex(323836)	Hex(007846)	Hex(00F790)
Hex(006E40)		Ratio: 1.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.45 AA 18pt ²
Hex(008F53)	Ratio: 1.53 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(00676E)	Ratio: 1.04 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴
Hex(323836)	Ratio: 1.88 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.38 Passed ⁶
Hex(007846)	Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.90 AA 18pt ²
Hex(00F790)	Ratio: 4.45 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 8.38 Passed ⁶	Ratio: 3.90 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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