

Converting Colors - WCAG Matrix

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

Hex(0F6A47) Hex(005130) Hex(00391B) Hex(002502) Hex(000000)

	Hex(0F6A47)	Hex(005130)	Hex(00391B)	Hex(002502)	Hex(000000)
Hex(0F6A47)		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(005130)	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(00391B)	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(002502)	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(000000)	Ratio: 3.17 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.27 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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