

Converting Colors - WCAG Matrix

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

	Hex(02896F)	Hex(006F57)	Hex(00563F)	Hex(003E29)	Hex(002815)	Hex(000500)	Hex(000000)
Hex(02896F)		Ratio: 1.41 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(006F57)	Ratio: 1.41 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.41 AA 18pt ²
Hex(00563F)	Ratio: 2.00 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(003E29)	Ratio: 2.80 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(002815)	Ratio: 3.66 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(000500)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.02 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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