

Converting Colors - WCAG Matrix

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

Hex(006E3E) Hex(005528) Hex(003D12) Hex(002700) Hex(000200) Hex(000000)

	Hex(006E3E)	Hex(005528)	Hex(003D12)	Hex(002700)	Hex(000200)	Hex(000000)
Hex(006E3E)		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.30 AA 18pt ²
Hex(005528)	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(003D12)	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(002700)	Ratio: 2.56 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(000200)	Ratio: 3.27 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 3.30 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.01 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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