

Converting Colors - WCAG Matrix

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

Hex(53703E) Hex(3B5727) Hex(244011) Hex(102A00) Hex(001600) Hex(000000)

	Hex(53703E)	Hex(3B5727)	Hex(244011)	Hex(102A00)	Hex(001600)	Hex(000000)
Hex(53703E)		Ratio: 1.46 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.76 AA 18pt ²
Hex(3B5727)	Ratio: 1.46 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(244011)	Ratio: 2.07 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(102A00)	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(001600)	Ratio: 3.37 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 3.76 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 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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