

Converting Colors - WCAG Matrix

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

	Hex(5B00B6)	Hex(B80043)	Hex(005500)	Hex(005A46)
Hex(5B00B6)		Ratio: 1.47 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(B80043)	Ratio: 1.47 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(005500)	Ratio: 1.08 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(005A46)	Ratio: 1.20 Failed ⁵	Ratio: 1.22 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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