

Converting Colors - WCAG Matrix

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

	Hex(533BFF)	Hex(E50000)	Hex(007700)	Hex(0083CC)
Hex(533BFF)		Ratio: 1.26 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(E50000)	Ratio: 1.26 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(007700)	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.41 Failed ⁵
Hex(0083CC)	Ratio: 1.49 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.41 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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