

Converting Colors - WCAG Matrix

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

Hex(993333) Hex(7C171E) Hex(600006) Hex(430000) Hex(000000)

	Hex(993333)	Hex(7C171E)	Hex(600006)	Hex(430000)	Hex(000000)
Hex(993333)		Ratio: 1.44 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(7C171E)	Ratio: 1.44 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(600006)	Ratio: 1.92 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(430000)	Ratio: 2.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 2.88 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.24 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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