

Converting Colors - WCAG Matrix

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

Hex(593A00) Hex(756952) Hex(59001F) Hex(3B3326) Hex(BABABA) Hex(3B3B3B)

	Hex(593A00)	Hex(756952)	Hex(59001F)	Hex(3B3326)	Hex(BABABA)	Hex(3B3B3B)
Hex(593A00)		Ratio: 1.92 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(756952)	Ratio: 1.92 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(59001F)	Ratio: 1.41 Failed ⁵	Ratio: 2.70 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 7.49 Passed ⁶	Ratio: 1.30 Failed ⁵
Hex(3B3326)	Ratio: 1.20 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(BABABA)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 2.78 Failed ⁵	Ratio: 7.49 Passed ⁶	Ratio: 6.41 AA ¹ AAA 18pt ⁴		Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(3B3B3B)	Ratio: 1.08 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴	

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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