

Converting Colors - WCAG Matrix

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

Hex(66393D) Hex(853E45) Hex(395466) Hex(332E2E) Hex(73000A) Hex(F20016)

	Hex(66393D)	Hex(853E45)	Hex(395466)	Hex(332E2E)	Hex(73000A)	Hex(F20016)
Hex(66393D)		Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(853E45)	Ratio: 1.25 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(395466)	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(332E2E)	Ratio: 1.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(73000A)	Ratio: 1.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(F20016)	Ratio: 2.16 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 2.76 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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