

Converting Colors - WCAG Matrix

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

Hex(663842) Hex(853D4D) Hex(664538) Hex(332E2E) Hex(73001A) Hex(F20036)

	Hex(663842)	Hex(853D4D)	Hex(664538)	Hex(332E2E)	Hex(73001A)	Hex(F20036)
Hex(663842)		Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(853D4D)	Ratio: 1.25 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(664538)	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(332E2E)	Ratio: 1.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(73001A)	Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(F20036)	Ratio: 2.19 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 2.77 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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