

Converting Colors - WCAG Matrix

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

Hex(680A20) Hex(870020) Hex(68210A) Hex(332E2F) Hex(73001B) Hex(F20039)

	Hex(680A20)	Hex(870020)	Hex(68210A)	Hex(332E2F)	Hex(73001B)	Hex(F20039)
Hex(680A20)		Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(870020)	Ratio: 1.24 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(68210A)	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(332E2F)	Ratio: 1.05 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(73001B)	Ratio: 1.06 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(F20039)	Ratio: 2.93 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.67 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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