

Converting Colors - WCAG Matrix

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

Hex(630A12) Hex(82000D) Hex(632E0A) Hex(302C2C) Hex(70000B) Hex(F00017)

	Hex(630A12)	Hex(82000D)	Hex(632E0A)	Hex(302C2C)	Hex(70000B)	Hex(F00017)
Hex(630A12)		Ratio: 1.24 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(82000D)	Ratio: 1.24 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(632E0A)	Ratio: 1.22 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(302C2C)	Ratio: 1.04 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(70000B)	Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F00017)	Ratio: 2.98 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 2.79 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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