

Converting Colors - WCAG Matrix

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

Hex(551B11) Hex(6E1404) Hex(553C11) Hex(2B2827) Hex(6B1000) Hex(EB2300)

	Hex(551B11)	Hex(6E1404)	Hex(553C11)	Hex(2B2827)	Hex(6B1000)	Hex(EB2300)
Hex(551B11)		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(6E1404)	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(553C11)	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(2B2827)	Ratio: 1.08 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(6B1000)	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(EB2300)	Ratio: 3.08 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.81 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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