

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(47151B) Hex(5C0F18) Hex(154727) Hex(242021) Hex(63000C) Hex(E3001B)

	Hex(47151B)	Hex(5C0F18)	Hex(154727)	Hex(242021)	Hex(63000C)	Hex(E3001B)
Hex(47151B)		Ratio: 1.10 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(5C0F18)	Ratio: 1.10 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(154727)	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(242021)	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(63000C)	Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(E3001B)	Ratio: 3.08 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.28 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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