

Converting Colors - WCAG Matrix

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

Hex(527118) Hex(395800) Hex(214100) Hex(042A00) Hex(001500) Hex(000000)

	Hex(527118)	Hex(395800)	Hex(214100)	Hex(042A00)	Hex(001500)	Hex(000000)
Hex(527118)		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.73 AA 18pt ²
Hex(395800)	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(214100)	Ratio: 2.05 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(042A00)	Ratio: 2.79 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(001500)	Ratio: 3.37 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 3.73 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 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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