

Converting Colors - WCAG Matrix

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

	Hex(A14D2E)	Hex(853317)	Hex(661C00)	Hex(4A0000)	Hex(300000)	Hex(030000)	Hex(000000)
Hex(A14D2E)		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.62 AA 18pt ²
Hex(853317)	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(661C00)	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(4A0000)	Ratio: 2.80 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(300000)	Ratio: 3.21 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(030000)	Ratio: 3.60 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 3.62 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.00 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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