

Converting Colors - WCAG Matrix

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

Hex(BA3035) Hex(9C0A1F) Hex(7D000A) Hex(5F0000) Hex(430002) Hex(000000)

	Hex(BA3035)	Hex(9C0A1F)	Hex(7D000A)	Hex(5F0000)	Hex(430002)	Hex(000000)
Hex(BA3035)		Ratio: 1.44 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(9C0A1F)	Ratio: 1.44 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(7D000A)	Ratio: 1.90 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(5F0000)	Ratio: 2.40 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(430002)	Ratio: 2.87 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 3.56 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.24 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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