

Converting Colors - WCAG Matrix

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

	Hex(AB3C00)	Hex(8D2100)	Hex(6E0000)	Hex(510000)	Hex(370001)	Hex(0C0000)	Hex(000000)
Hex(AB3C00)		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.38 AA 18pt ²
Hex(8D2100)	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(6E0000)	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(510000)	Ratio: 2.50 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(370001)	Ratio: 2.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(0C0000)	Ratio: 3.33 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 3.38 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.02 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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