

Converting Colors - WCAG Matrix

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

	Hex(B85328)	Hex(993910)	Hex(7C2000)	Hex(5F0100)	Hex(420000)	Hex(290001)	Hex(000000)
Hex(B85328)		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 4.31 AA 18pt ²
Hex(993910)	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(7C2000)	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(5F0100)	Ratio: 2.89 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(420000)	Ratio: 3.50 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(290001)	Ratio: 3.93 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 4.31 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 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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