

Converting Colors - WCAG Matrix

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

Hex(992B00) Hex(7A0D00) Hex(5C0000) Hex(400000) Hex(240000) Hex(000000)

	Hex(992B00)	Hex(7A0D00)	Hex(5C0000)	Hex(400000)	Hex(240000)	Hex(000000)
Hex(992B00)		Ratio: 1.43 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(7A0D00)	Ratio: 1.43 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(5C0000)	Ratio: 1.86 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(400000)	Ratio: 2.22 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(240000)	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 2.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.07 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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