

Converting Colors - WCAG Matrix

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

Hex(7A0B0B) Hex(5D0000) Hex(400000) Hex(240001) Hex(000000)

	Hex(7A0B0B)	Hex(5D0000)	Hex(400000)	Hex(240001)	Hex(000000)
Hex(7A0B0B)		Ratio: 1.28 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(5D0000)	Ratio: 1.28 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(400000)	Ratio: 1.54 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(240001)	Ratio: 1.75 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 1.88 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 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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