

Converting Colors - WCAG Matrix

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

Hex(924451) Hex(772B3A) Hex(5C1225) Hex(420010) Hex(2C0001) Hex(000000)

	Hex(924451)	Hex(772B3A)	Hex(5C1225)	Hex(420010)	Hex(2C0001)	Hex(000000)
Hex(924451)		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(772B3A)	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(5C1225)	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(420010)	Ratio: 2.56 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(2C0001)	Ratio: 2.86 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 3.17 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 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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