

Converting Colors - WCAG Matrix

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

Hex(772546) Hex(5C0730) Hex(42001B) Hex(2D0001) Hex(000000)

	Hex(772546)	Hex(5C0730)	Hex(42001B)	Hex(2D0001)	Hex(000000)
Hex(772546)		Ratio: 1.40 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(5C0730)	Ratio: 1.40 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(42001B)	Ratio: 1.71 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(2D0001)	Ratio: 1.92 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 2.14 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.25 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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