

Converting Colors - WCAG Matrix

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

Hex(830F1A) Hex(660001) Hex(490000) Hex(2F0002) Hex(000000)

	Hex(830F1A)	Hex(660001)	Hex(490000)	Hex(2F0002)	Hex(000000)
Hex(830F1A)		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(660001)	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(490000)	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(2F0002)	Ratio: 1.83 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 2.05 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 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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