

Converting Colors - WCAG Matrix

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

Hex(850071) Hex(6A0058) Hex(4F0041) Hex(37002B) Hex(160014) Hex(000000)

	Hex(850071)	Hex(6A0058)	Hex(4F0041)	Hex(37002B)	Hex(160014)	Hex(000000)
Hex(850071)		Ratio: 1.27 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(6A0058)	Ratio: 1.27 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(4F0041)	Ratio: 1.59 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(37002B)	Ratio: 1.87 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(160014)	Ratio: 2.14 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 2.24 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.04 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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