

Converting Colors - WCAG Matrix

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

Hex(993366) Hex(7D144F) Hex(610038) Hex(470021) Hex(30000A) Hex(000000)

	Hex(993366)	Hex(7D144F)	Hex(610038)	Hex(470021)	Hex(30000A)	Hex(000000)
Hex(993366)		Ratio: 1.45 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(7D144F)	Ratio: 1.45 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(610038)	Ratio: 1.93 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(470021)	Ratio: 2.34 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(30000A)	Ratio: 2.67 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 3.02 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 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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