

Converting Colors - WCAG Matrix

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

Hex(660035) Hex(850045) Hex(666300) Hex(332E31) Hex(73003C) Hex(F2007F)

	Hex(660035)	Hex(850045)	Hex(666300)	Hex(332E31)	Hex(73003C)	Hex(F2007F)
Hex(660035)		Ratio: 1.29 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(850045)	Ratio: 1.29 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(666300)	Ratio: 2.07 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(332E31)	Ratio: 1.03 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(73003C)	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.83 Failed ⁵
Hex(F2007F)	Ratio: 3.14 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.83 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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