

Converting Colors - WCAG Matrix

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

Hex(660066) Hex(850085) Hex(660035) Hex(332E33) Hex(730073) Hex(F200F2)

	Hex(660066)	Hex(850085)	Hex(660035)	Hex(332E33)	Hex(730073)	Hex(F200F2)
Hex(660066)		Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(850085)	Ratio: 1.33 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(660035)	Ratio: 1.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(332E33)	Ratio: 1.11 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(730073)	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.06 AA 18pt ²
Hex(F200F2)	Ratio: 3.45 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 3.06 AA 18pt ²	

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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