

Converting Colors - WCAG Matrix

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

Hex(0E0072) Hex(120094) Hex(460072) Hex(333238) Hex(0F0078) Hex(1F00F7)

	Hex(0E0072)	Hex(120094)	Hex(460072)	Hex(333238)	Hex(0F0078)	Hex(1F00F7)
Hex(0E0072)		Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(120094)	Ratio: 1.15 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(460072)	Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(333238)	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(0F0078)	Ratio: 1.02 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.86 Failed ⁵
Hex(1F00F7)	Ratio: 1.90 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.86 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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