

Converting Colors - WCAG Matrix

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

Hex(AF0082) Hex(E300A9) Hex(AF8300) Hex(574E54) Hex(960070) Hex(170011)

	Hex(AF0082)	Hex(E300A9)	Hex(AF8300)	Hex(574E54)	Hex(960070)	Hex(170011)
Hex(AF0082)		Ratio: 1.54 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(E300A9)	Ratio: 1.54 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴
Hex(AF8300)	Ratio: 1.93 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(574E54)	Ratio: 1.20 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960070)	Ratio: 1.24 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(170011)	Ratio: 3.01 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 2.42 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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