

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(AF14AF) Hex(920094) Hex(76007A) Hex(5A0060) Hex(400048) Hex(FFFFFF)

Hex(AF14AF)		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(920094)	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 7.93 Passed ⁶
Hex(76007A)	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 10.24 Passed ⁶
Hex(5A0060)	Ratio: 2.21 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 13.10 Passed ⁶
Hex(400048)	Ratio: 2.70 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 16.01 Passed ⁶
Hex(FFFFFF)	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 7.93 Passed ⁶	Ratio: 10.24 Passed ⁶	Ratio: 13.10 Passed ⁶	Ratio: 16.01 Passed ⁶	

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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