

Converting Colors - WCAG Matrix

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

	Hex(5000A1)	Hex(900000)	Hex(004A00)	Hex(005195)
Hex(5000A1)		 Ratio: 1.18 Failed ⁵	 Ratio: 1.07 Failed ⁵	 Ratio: 1.41 Failed ⁵
Hex(900000)	 Ratio: 1.18 Failed ⁵		 Ratio: 1.10 Failed ⁵	 Ratio: 1.19 Failed ⁵
Hex(004A00)	 Ratio: 1.07 Failed ⁵	 Ratio: 1.10 Failed ⁵		 Ratio: 1.32 Failed ⁵
Hex(005195)	 Ratio: 1.41 Failed ⁵	 Ratio: 1.19 Failed ⁵	 Ratio: 1.32 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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