

Converting Colors - WCAG Matrix

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

	Hex(16164A)	Hex(460000)	Hex(0A2300)	Hex(002937)
Hex(16164A)	 Ratio: 1.01 Failed ⁵	 Ratio: 1.01 Failed ⁵	 Ratio: 1.00 Failed ⁵	 Ratio: 1.10 Failed ⁵
Hex(460000)	 Ratio: 1.01 Failed ⁵	 Ratio: 1.01 Failed ⁵	 Ratio: 1.01 Failed ⁵	 Ratio: 1.09 Failed ⁵
Hex(0A2300)	 Ratio: 1.00 Failed ⁵	 Ratio: 1.01 Failed ⁵	 Ratio: 1.09 Failed ⁵	 Ratio: 1.09 Failed ⁵
Hex(002937)	 Ratio: 1.10 Failed ⁵	 Ratio: 1.09 Failed ⁵	 Ratio: 1.09 Failed ⁵	 Ratio: 1.09 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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