

Converting Colors - WCAG Matrix

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

Hex(110E2E) Hex(0E093B) Hex(210E2E) Hex(151517) Hex(070057) Hex(1200D6)

	Hex(110E2E)	Hex(0E093B)	Hex(210E2E)	Hex(151517)	Hex(070057)	Hex(1200D6)
Hex(110E2E)		Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(0E093B)	Ratio: 1.00 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(210E2E)	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(151517)	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(070057)	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.74 Failed ⁵
Hex(1200D6)	Ratio: 1.77 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.74 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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