

Converting Colors - WCAG Matrix

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

Hex(0C0015) Hex(10001C) Hex(150014) Hex(0A090A) Hex(2A004A) Hex(7300C9)

	Hex(0C0015)	Hex(10001C)	Hex(150014)	Hex(0A090A)	Hex(2A004A)	Hex(7300C9)
Hex(0C0015)		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(10001C)	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(150014)	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(0A090A)	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(2A004A)	Ratio: 1.17 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.15 Failed ⁵
Hex(7300C9)	Ratio: 2.51 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.15 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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