

Converting Colors - WCAG Matrix

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

Hex(690074) Hex(926996) Hex(000C74) Hex(4A314D) Hex(CCCCCC) Hex(4D4D4D)

	Hex(690074)	Hex(926996)	Hex(000C74)	Hex(4A314D)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(690074)		Ratio: 2.53 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.06 Passed ⁶	Ratio: 1.34 Failed ⁵
Hex(926996)	Ratio: 2.53 Failed ⁵		Ratio: 3.59 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(000C74)	Ratio: 1.42 Failed ⁵	Ratio: 3.59 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 10.02 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(4A314D)	Ratio: 1.01 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 7.12 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(CCCCCC)	Ratio: 7.06 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 10.02 Passed ⁶	Ratio: 7.12 Passed ⁶		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.34 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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