

Converting Colors - WCAG Matrix

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

Hex(630076) Hex(926B99) Hex(001476) Hex(48314D) Hex(CCCCCC) Hex(4D4D4D)

	Hex(630076)	Hex(926B99)	Hex(001476)	Hex(48314D)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(630076)		Ratio: 2.67 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.30 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(926B99)	Ratio: 2.67 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(001476)	Ratio: 1.32 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 9.60 Passed ⁶	Ratio: 1.82 Failed ⁵
Hex(48314D)	Ratio: 1.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 7.18 Passed ⁶	Ratio: 1.36 Failed ⁵
Hex(CCCCCC)	Ratio: 7.30 Passed ⁶	Ratio: 2.73 Failed ⁵	Ratio: 9.60 Passed ⁶	Ratio: 7.18 Passed ⁶		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.39 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.36 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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