

Converting Colors - WCAG Matrix

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

Hex(70090D) Hex(91696A) Hex(6B0970) Hex(4A3132) Hex(C9C9C9) Hex(4A4A4A)

	Hex(70090D)	Hex(91696A)	Hex(6B0970)	Hex(4A3132)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(70090D)		Ratio: 2.56 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.31 Passed ⁶	Ratio: 1.37 Failed ⁵
Hex(91696A)	Ratio: 2.56 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(6B0970)	Ratio: 1.09 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(4A3132)	Ratio: 1.02 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 7.14 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(C9C9C9)	Ratio: 7.31 Passed ⁶	Ratio: 2.86 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 7.14 Passed ⁶		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.37 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.35 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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