

Converting Colors - WCAG Matrix

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

Hex(6B1A39) Hex(8A6A76) Hex(4C1A6B) Hex(453239) Hex(C4C4C4) Hex(454545)

	Hex(6B1A39)	Hex(8A6A76)	Hex(4C1A6B)	Hex(453239)	Hex(C4C4C4)	Hex(454545)
Hex(6B1A39)		Ratio: 2.40 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(8A6A76)	Ratio: 2.40 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(4C1A6B)	Ratio: 1.10 Failed ⁵	Ratio: 2.64 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 7.22 Passed ⁶	Ratio: 1.31 Failed ⁵
Hex(453239)	Ratio: 1.04 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(C4C4C4)	Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 2.73 Failed ⁵	Ratio: 7.22 Passed ⁶	Ratio: 6.81 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.20 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.50 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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