

Converting Colors - WCAG Matrix

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

Hex(696758) Hex(504F40) Hex(39392A) Hex(242316) Hex(0D0E00) Hex(000000)

	Hex(696758)	Hex(504F40)	Hex(39392A)	Hex(242316)	Hex(0D0E00)	Hex(000000)
Hex(696758)		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.68 AA 18pt ²
Hex(504F40)	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(39392A)	Ratio: 2.05 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(242316)	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(0D0E00)	Ratio: 3.41 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 3.68 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 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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