

Converting Colors - WCAG Matrix

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

Hex(667059) Hex(4F5942) Hex(38402B) Hex(212917) Hex(0A1700) Hex(000000)

	Hex(667059)	Hex(4F5942)	Hex(38402B)	Hex(212917)	Hex(0A1700)	Hex(000000)
Hex(667059)		Ratio: 1.42 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(4F5942)	Ratio: 1.42 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(38402B)	Ratio: 2.08 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(212917)	Ratio: 2.89 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(0A1700)	Ratio: 3.55 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 4.03 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.14 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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