

Converting Colors - WCAG Matrix

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

Hex(516160) Hex(3A4948) Hex(243332) Hex(101E1D) Hex(000003) Hex(000000)

	Hex(516160)	Hex(3A4948)	Hex(243332)	Hex(101E1D)	Hex(000003)	Hex(000000)
Hex(516160)		Ratio: 1.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.23 AA 18pt ²
Hex(3A4948)	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(243332)	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(101E1D)	Ratio: 2.63 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(000003)	Ratio: 3.22 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 3.23 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.00 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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