

Converting Colors - WCAG Matrix

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

Hex(737780) Hex(5A5F66) Hex(43474E) Hex(2C3138) Hex(181C22) Hex(00010C) Hex(000000)

	Hex(737780)	Hex(5A5F66)	Hex(43474E)	Hex(2C3138)	Hex(181C22)	Hex(00010C)	Hex(000000)
Hex(737780)		Ratio: 1.43 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(5A5F66)	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.26 AA 18pt ²
Hex(43474E)	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(2C3138)	Ratio: 2.92 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(181C22)	Ratio: 3.81 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(00010C)	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.01 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.

This PDF was generated on convertingcolors.com.