

Converting Colors - WCAG Matrix

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

Hex(456B6B) Hex(4F8C8C) Hex(45596B) Hex(303636) Hex(007575) Hex(00F5F5)

	Hex(456B6B)	Hex(4F8C8C)	Hex(45596B)	Hex(303636)	Hex(007575)	Hex(00F5F5)
Hex(456B6B)		Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.31 AA 18pt ²
Hex(4F8C8C)	Ratio: 1.53 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(45596B)	Ratio: 1.23 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(303636)	Ratio: 2.09 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.70 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 9.01 Passed ⁶
Hex(007575)	Ratio: 1.07 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 4.05 AA 18pt ²
Hex(00F5F5)	Ratio: 4.31 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 9.01 Passed ⁶	Ratio: 4.05 AA 18pt ²	

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.