

Converting Colors - WCAG Matrix

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

	Hex(5D8598)	Hex(446C7E)	Hex(2A5365)	Hex(0E3C4D)	Hex(002736)	Hex(001221)	Hex(000008)	Hex(000000)
Hex(5D8598)		Ratio: 1.43 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(446C7E)	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.69 AA 18pt ²
Hex(2A5365)	Ratio: 2.09 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(0E3C4D)	Ratio: 2.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(002736)	Ratio: 3.93 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(001221)	Ratio: 4.76 AA ¹ AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(000008)	Ratio: 5.25 AA ¹ AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 5.27 AA ¹ AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.11 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.

This PDF was generated on convertingcolors.com.