

Converting Colors - WCAG Matrix

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

Hex(6E87C4) Hex(536EA9) Hex(38568E) Hex(193F74) Hex(00295B) Hex(001543) Hex(000000)

	Hex(6E87C4)	Hex(536EA9)	Hex(38568E)	Hex(193F74)	Hex(00295B)	Hex(001543)	Hex(000000)
Hex(6E87C4)		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(536EA9)	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.17 AA 18pt ²
Hex(38568E)	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(193F74)	Ratio: 2.96 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(00295B)	Ratio: 4.04 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(001543)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 4.17 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.19 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.