

Converting Colors - WCAG Matrix

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

Hex(696B81) Hex(8386A8) Hex(736981) Hex(393A40) Hex(000B80) Hex(000000)

	Hex(696B81)	Hex(8386A8)	Hex(736981)	Hex(393A40)	Hex(000B80)	Hex(000000)
Hex(696B81)		Ratio: 1.48 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.02 AA 18pt ²
Hex(8386A8)	Ratio: 1.48 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴
Hex(736981)	Ratio: 1.01 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 4.07 AA 18pt ²
Hex(393A40)	Ratio: 2.17 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.19 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(000B80)	Ratio: 2.96 Failed ⁵	Ratio: 4.37 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.36 Failed ⁵
Hex(000000)	Ratio: 4.02 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.36 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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