

Converting Colors - WCAG Matrix

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

Hex(666F7B) Hex(818EA1) Hex(67667B) Hex(373A3D) Hex(00367D) Hex(006CFC)

Hex(666F7B)		Ratio: 1.53 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(818EA1)	Ratio: 1.53 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(67667B)	Ratio: 1.10 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(373A3D)	Ratio: 2.25 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.05 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(00367D)	Ratio: 2.26 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(006CFC)	Ratio: 1.10 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.50 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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