

Converting Colors - WCAG Matrix

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

Hex(688AC2) Hex(6FA4FC) Hex(7368C2) Hex(575B61) Hex(003DA1) Hex(000D21)

Hex(688AC2)		Ratio: 1.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 5.56 AA ¹ AAA 18pt ⁴
Hex(6FA4FC)	Ratio: 1.40 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 7.77 Passed ⁶
Hex(7368C2)	Ratio: 1.34 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(575B61)	Ratio: 1.95 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(003DA1)	Ratio: 2.75 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(000D21)	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶	Ratio: 4.16 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.02 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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