

Converting Colors - WCAG Matrix

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

Hex(66676F) Hex(838491) Hex(69666F) Hex(323338) Hex(000D78) Hex(001BF7)

Hex(66676F)		Ratio: 1.52 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(838491)	Ratio: 1.52 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 4.27 AA 18pt ²
Hex(69666F)	Ratio: 1.00 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(323338)	Ratio: 2.24 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 2.24 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(000D78)	Ratio: 2.81 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.25 Failed ⁵	
Hex(001BF7)	Ratio: 1.49 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.88 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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