

Converting Colors - WCAG Matrix

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

Hex(656569) Hex(83838A) Hex(676569) Hex(323236) Hex(000075) Hex(0000F5)

Hex(656569)		Ratio: 1.54 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(83838A)	Ratio: 1.54 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.44 AA 18pt ²
Hex(676569)	Ratio: 1.01 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(323236)	Ratio: 2.20 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.21 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(000075)	Ratio: 2.88 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 1.31 Failed ⁵	
Hex(0000F5)	Ratio: 1.56 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.84 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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