

Converting Colors - WCAG Matrix

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

Hex(505D70) Hex(607491) Hex(535070) Hex(323538) Hex(003178) Hex(0064F7)

Hex(505D70)		Ratio: 1.40 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(607491)	Ratio: 1.40 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(535070)	Ratio: 1.14 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(323538)	Ratio: 1.85 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(003178)	Ratio: 1.84 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.01 Failed ⁵	
Hex(0064F7)	Ratio: 1.33 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.44 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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