

Converting Colors - WCAG Matrix

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

Hex(515967) Hex(647187) Hex(545167) Hex(2E3033) Hex(002A73) Hex(0058F2)

Hex(515967)		Ratio: 1.43 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(647187)	Ratio: 1.43 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(545167)	Ratio: 1.08 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(2E3033)	Ratio: 1.87 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(002A73)	Ratio: 1.88 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.01 Failed ⁵	
Hex(0058F2)	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.33 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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