

Converting Colors - WCAG Matrix

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

Hex(465160) Hex(54657D) Hex(484660) Hex(2C2E30) Hex(002F70) Hex(0065F0)

Hex(465160)		Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(54657D)	Ratio: 1.36 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(484660)	Ratio: 1.12 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(2C2E30)	Ratio: 1.69 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(002F70)	Ratio: 1.59 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.06 Failed ⁵	
Hex(0065F0)	Ratio: 1.58 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.51 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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