

Converting Colors - WCAG Matrix

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

Hex(2C3F63) Hex(2A4880) Hex(342C63) Hex(2C2D30) Hex(002770) Hex(0053F0)

	Hex(2C3F63)	Hex(2A4880)	Hex(342C63)	Hex(2C2D30)	Hex(002770)	Hex(0053F0)
Hex(2C3F63)		Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(2A4880)	Ratio: 1.17 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(342C63)	Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(2C2D30)	Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(002770)	Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.29 Failed ⁵
Hex(0053F0)	Ratio: 1.75 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.29 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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