

Converting Colors - WCAG Matrix

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

Hex(546A7A) Hex(64859E) Hex(54577A) Hex(373B3D) Hex(00487D) Hex(0092FC)

	Hex(546A7A)	Hex(64859E)	Hex(54577A)	Hex(373B3D)	Hex(00487D)	Hex(0092FC)
Hex(546A7A)		Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(64859E)	Ratio: 1.45 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(54577A)	Ratio: 1.23 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(373B3D)	Ratio: 2.00 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(00487D)	Ratio: 1.67 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.93 Failed ⁵
Hex(0092FC)	Ratio: 1.75 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.93 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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