

Converting Colors - WCAG Matrix

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

Hex(5358A6) Hex(575FD9) Hex(7753A6) Hex(4C4C54) Hex(000A94) Hex(000114)

	Hex(5358A6)	Hex(575FD9)	Hex(7753A6)	Hex(4C4C54)	Hex(000A94)	Hex(000114)
Hex(5358A6)		Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(575FD9)	Ratio: 1.22 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(7753A6)	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(4C4C54)	Ratio: 1.34 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(000A94)	Ratio: 2.25 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.45 Failed ⁵
Hex(000114)	Ratio: 3.27 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.45 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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