

Converting Colors - WCAG Matrix

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

Hex(7C86A5) Hex(96A6D6) Hex(867CA5) Hex(494B52) Hex(002391) Hex(000412)

	Hex(7C86A5)	Hex(96A6D6)	Hex(867CA5)	Hex(494B52)	Hex(002391)	Hex(000412)
Hex(7C86A5)		Ratio: 1.50 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(96A6D6)	Ratio: 1.50 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 8.50 Passed ⁶
Hex(867CA5)	Ratio: 1.07 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴
Hex(494B52)	Ratio: 2.41 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 2.26 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(002391)	Ratio: 3.52 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	Ratio: 1.46 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(000412)	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 8.50 Passed ⁶	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 1.61 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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