

Converting Colors - WCAG Matrix

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

Hex(8636A6) Hex(A729D9) Hex(A63690) Hex(524C54) Hex(6A0094) Hex(0F0014)

	Hex(8636A6)	Hex(A729D9)	Hex(A63690)	Hex(524C54)	Hex(6A0094)	Hex(0F0014)
Hex(8636A6)		Ratio: 1.28 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A729D9)	Ratio: 1.28 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.85 AA 18pt ²
Hex(A63690)	Ratio: 1.15 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(524C54)	Ratio: 1.23 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(6A0094)	Ratio: 1.52 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(0F0014)	Ratio: 3.00 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.98 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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