

Converting Colors - WCAG Matrix

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

Hex(8434AA) Hex(A326DE) Hex(AA3496) Hex(514C54) Hex(640094) Hex(0E0014)

	Hex(8434AA)	Hex(A326DE)	Hex(AA3496)	Hex(514C54)	Hex(640094)	Hex(0E0014)
Hex(8434AA)		Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(A326DE)	Ratio: 1.27 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(AA3496)	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(514C54)	Ratio: 1.22 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(640094)	Ratio: 1.55 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.91 Failed ⁵
Hex(0E0014)	Ratio: 2.97 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 3.54 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.91 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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