

Converting Colors - WCAG Matrix

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

Hex(461B43) Hex(5C1957) Hex(461B2E) Hex(242023) Hex(63005D) Hex(E300D3)

	Hex(461B43)	Hex(5C1957)	Hex(461B2E)	Hex(242023)	Hex(63005D)	Hex(E300D3)
Hex(461B43)		Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(5C1957)	Ratio: 1.16 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(461B2E)	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(242023)	Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(63005D)	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.08 AA 18pt ²
Hex(E300D3)	Ratio: 3.48 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.08 AA 18pt ²	

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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