

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C6445A) Hex(FF3658) Hex(449DC6) Hex(635A5B) Hex(A3001C) Hex(240006)

Hex(C6445A)		Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.06 AA 18pt ²
Hex(FF3658)	Ratio: 1.35 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(449DC6)	Ratio: 1.57 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴
Hex(635A5B)	Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A3001C)	Ratio: 1.70 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.39 Failed ⁵
Hex(240006)	Ratio: 4.06 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵	Ratio: 2.39 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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