

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(AB546A) Hex(8F3B52) Hex(73213B) Hex(590325) Hex(3E0010) Hex(310002)

Hex(AB546A)		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.72 AA 18pt ²
Hex(8F3B52)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(73213B)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(590325)	Ratio: 2.87 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(3E0010)	Ratio: 3.47 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(310002)	Ratio: 3.72 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.07 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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