

Converting Colors - WCAG Matrix

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

Hex(8B415D) Hex(B5416E) Hex(8B4A41) Hex(453E41) Hex(850033) Hex(050002)

	Hex(8B415D)	Hex(B5416E)	Hex(8B4A41)	Hex(453E41)	Hex(850033)	Hex(050002)
Hex(8B415D)		Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(B5416E)	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(8B4A41)	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(453E41)	Ratio: 1.49 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(850033)	Ratio: 1.47 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.03 Failed ⁵
Hex(050002)	Ratio: 2.99 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 2.03 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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