

Converting Colors - WCAG Matrix

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

Hex(824147) Hex(A8434D) Hex(825B41) Hex(40393A) Hex(7F000C) Hex(000000)

	Hex(824147)	Hex(A8434D)	Hex(825B41)	Hex(40393A)	Hex(7F000C)	Hex(000000)
Hex(824147)		Ratio: 1.28 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(A8434D)	Ratio: 1.28 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(825B41)	Ratio: 1.26 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(40393A)	Ratio: 1.50 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(7F000C)	Ratio: 1.47 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.91 Failed ⁵
Hex(000000)	Ratio: 2.80 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 1.86 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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