

Converting Colors - WCAG Matrix

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

Hex(8F2D53) Hex(BA225D) Hex(8F372D) Hex(474043) Hex(870034) Hex(080003)

	Hex(8F2D53)	Hex(BA225D)	Hex(8F372D)	Hex(474043)	Hex(870034)	Hex(080003)
Hex(8F2D53)		Ratio: 1.30 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(BA225D)	Ratio: 1.30 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(8F372D)	Ratio: 1.03 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(474043)	Ratio: 1.28 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870034)	Ratio: 1.28 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(080003)	Ratio: 2.64 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.06 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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