

Converting Colors - WCAG Matrix

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

Hex(8F3D3D) Hex(BA3A3A) Hex(8F663D) Hex(474040) Hex(870000) Hex(080000)

	Hex(8F3D3D)	Hex(BA3A3A)	Hex(8F663D)	Hex(474040)	Hex(870000)	Hex(080000)
Hex(8F3D3D)		Ratio: 1.29 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(BA3A3A)	Ratio: 1.29 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(8F663D)	Ratio: 1.42 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 4.09 AA 18pt ²
Hex(474040)	Ratio: 1.40 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(870000)	Ratio: 1.43 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.01 Failed ⁵
Hex(080000)	Ratio: 2.87 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.09 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 2.01 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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