

Converting Colors - WCAG Matrix

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

Hex(8F524C) Hex(BA5C52) Hex(8F744C) Hex(474140) Hex(870E00) Hex(080100)

	Hex(8F524C)	Hex(BA5C52)	Hex(8F744C)	Hex(474140)	Hex(870E00)	Hex(080100)
Hex(8F524C)		Ratio: 1.36 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(BA5C52)	Ratio: 1.36 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(8F744C)	Ratio: 1.37 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(474140)	Ratio: 1.66 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(870E00)	Ratio: 1.66 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.06 Failed ⁵
Hex(080100)	Ratio: 3.43 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 2.07 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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