

Converting Colors - WCAG Matrix

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

Hex(694449) Hex(8A5058) Hex(445C69) Hex(363031) Hex(750010) Hex(F50021)

	Hex(694449)	Hex(8A5058)	Hex(445C69)	Hex(363031)	Hex(750010)	Hex(F50021)
Hex(694449)		Ratio: 1.33 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(8A5058)	Ratio: 1.33 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(445C69)	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(363031)	Ratio: 1.55 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(750010)	Ratio: 1.43 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F50021)	Ratio: 1.94 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 2.78 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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