

Converting Colors - WCAG Matrix

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

Hex(69453E) Hex(8A5146) Hex(695A3E) Hex(363130) Hex(751300) Hex(F52800)

	Hex(69453E)	Hex(8A5146)	Hex(695A3E)	Hex(363130)	Hex(751300)	Hex(F52800)
Hex(69453E)		Ratio: 1.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(8A5146)	Ratio: 1.33 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(695A3E)	Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(363130)	Ratio: 1.54 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(751300)	Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(F52800)	Ratio: 2.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.80 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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