

Converting Colors - WCAG Matrix

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

Hex(635552) Hex(826A65) Hex(635D52) Hex(332F2E) Hex(731400) Hex(F22A00)

	Hex(635552)	Hex(826A65)	Hex(635D52)	Hex(332F2E)	Hex(731400)	Hex(F22A00)
Hex(635552)		Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(826A65)	Ratio: 1.42 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(635D52)	Ratio: 1.09 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(332F2E)	Ratio: 1.86 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(731400)	Ratio: 1.61 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F22A00)	Ratio: 1.73 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.79 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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