

Converting Colors - WCAG Matrix

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

Hex(71655A) Hex(948170) Hex(71705A) Hex(383532) Hex(783900) Hex(F77600)

Hex(71655A)		Ratio: 1.52 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(948170)	Ratio: 1.52 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.36 Failed ⁵
Hex(71705A)	Ratio: 1.12 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(383532)	Ratio: 2.15 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.42 Failed ⁵		Ratio: 1.38 Failed ⁵
Hex(783900)	Ratio: 1.56 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.38 Failed ⁵	
Hex(F77600)	Ratio: 2.03 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 3.17 AA 18pt ²

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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