

Converting Colors - WCAG Matrix

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

Hex(7D3F3F) Hex(622729) Hex(481015) Hex(300000) Hex(FFFFFF)

Hex(7D3F3F)		Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 7.91 Passed ⁶
Hex(622729)	Ratio: 1.44 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 11.40 Passed ⁶
Hex(481015)	Ratio: 1.95 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 15.44 Passed ⁶
Hex(300000)	Ratio: 2.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 18.66 Passed ⁶
Hex(FFFFFF)	Ratio: 7.91 Passed ⁶	Ratio: 11.40 Passed ⁶	Ratio: 15.44 Passed ⁶	Ratio: 18.66 Passed ⁶	

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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