

Converting Colors - WCAG Matrix

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

Hex(5F3A3D) Hex(7A4145) Hex(505F3A) Hex(302C2C) Hex(700008) Hex(F00010)

	Hex(5F3A3D)	Hex(7A4145)	Hex(505F3A)	Hex(302C2C)	Hex(700008)	Hex(F00010)
Hex(5F3A3D)		Ratio: 1.24 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(7A4145)	Ratio: 1.24 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(505F3A)	Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(302C2C)	Ratio: 1.42 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(700008)	Ratio: 1.28 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(F00010)	Ratio: 2.18 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.10 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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