

Converting Colors - WCAG Matrix

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

Hex(615F60) Hex(7D7A7C) Hex(5F615F) Hex(302F30) Hex(700038) Hex(F00078)

	Hex(615F60)	Hex(7D7A7C)	Hex(5F615F)	Hex(302F30)	Hex(700038)	Hex(F00078)
Hex(615F60)		Ratio: 1.49 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(7D7A7C)	Ratio: 1.49 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(5F615F)	Ratio: 1.01 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(302F30)	Ratio: 2.10 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(700038)	Ratio: 1.90 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(F00078)	Ratio: 1.50 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.85 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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