

Converting Colors - WCAG Matrix

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

Hex(7C5C64) Hex(A16F7B) Hex(747C5C) Hex(3D3739) Hex(7D001F) Hex(FC003F)

	Hex(7C5C64)	Hex(A16F7B)	Hex(747C5C)	Hex(3D3739)	Hex(7D001F)	Hex(FC003F)
Hex(7C5C64)		Ratio: 1.42 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(A16F7B)	Ratio: 1.42 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(747C5C)	Ratio: 1.34 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(3D3739)	Ratio: 1.98 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(7D001F)	Ratio: 1.89 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.75 Failed ⁵
Hex(FC003F)	Ratio: 1.46 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.75 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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