

Converting Colors - WCAG Matrix

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

Hex(6F706B) Hex(90918A) Hex(6C706B) Hex(373835) Hex(607800) Hex(C6F700)

	Hex(6F706B)	Hex(90918A)	Hex(6C706B)	Hex(373835)	Hex(607800)	Hex(C6F700)
Hex(6F706B)		Ratio: 1.57 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(90918A)	Ratio: 1.57 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(6C706B)	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(373835)	Ratio: 2.36 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.34 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 9.39 Passed ⁶
Hex(607800)	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 3.99 AA 18pt ²
Hex(C6F700)	Ratio: 3.97 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 9.39 Passed ⁶	Ratio: 3.99 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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