

Converting Colors - WCAG Matrix

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

Hex(61AB96) Hex(C1DED6) Hex(77AB61) Hex(5E706B) Hex(F0F0F0) Hex(707070)

	Hex(61AB96)	Hex(C1DED6)	Hex(77AB61)	Hex(5E706B)	Hex(F0F0F0)	Hex(707070)
Hex(61AB96)		Ratio: 1.89 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(C1DED6)	Ratio: 1.89 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.25 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(77AB61)	Ratio: 1.00 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(5E706B)	Ratio: 1.94 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(F0F0F0)	Ratio: 2.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.83 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.35 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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