

Converting Colors - WCAG Matrix

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

Hex(61C2B6) Hex(D7FCF8) Hex(6CC261) Hex(697F7D) Hex(000000) Hex(808080)

	Hex(61C2B6)	Hex(D7FCF8)	Hex(6CC261)	Hex(697F7D)	Hex(000000)	Hex(808080)
Hex(61C2B6)		Ratio: 1.94 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 9.90 Passed ⁶	Ratio: 1.86 Failed ⁵
Hex(D7FCF8)	Ratio: 1.94 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 19.17 Passed ⁶	Ratio: 3.61 AA 18pt ²
Hex(6CC261)	Ratio: 1.04 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 9.53 Passed ⁶	Ratio: 1.79 Failed ⁵
Hex(697F7D)	Ratio: 2.01 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 9.90 Passed ⁶	Ratio: 19.17 Passed ⁶	Ratio: 9.53 Passed ⁶	Ratio: 4.93 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.86 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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