

Converting Colors - WCAG Matrix

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

Hex(4AD97E) Hex(CCFDFD) Hex(A4D94A) Hex(61806C) Hex(000000) Hex(808080)

	Hex(4AD97E)	Hex(CCFDFD)	Hex(A4D94A)	Hex(61806C)	Hex(000000)	Hex(808080)
Hex(4AD97E)		Ratio: 1.64 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 11.52 Passed ⁶	Ratio: 2.17 Failed ⁵
Hex(CCFDFD)	Ratio: 1.64 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.94 Passed ⁶	Ratio: 3.56 AA 18pt ²
Hex(A4D94A)	Ratio: 1.09 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 12.60 Passed ⁶	Ratio: 2.37 Failed ⁵
Hex(61806C)	Ratio: 2.39 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 11.52 Passed ⁶	Ratio: 18.94 Passed ⁶	Ratio: 12.60 Passed ⁶	Ratio: 4.81 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.17 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.10 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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