

Converting Colors - WCAG Matrix

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

Hex(2AD457) Hex(C2FFD2) Hex(A9D42A) Hex(5B8064) Hex(000000) Hex(808080)

	Hex(2AD457)	Hex(C2FFD2)	Hex(A9D42A)	Hex(5B8064)	Hex(000000)	Hex(808080)
Hex(2AD457)		Ratio: 1.74 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 10.65 Passed ⁶	Ratio: 2.00 Failed ⁵
Hex(C2FFD2)	Ratio: 1.74 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.53 Passed ⁶	Ratio: 3.48 AA 18pt ²
Hex(A9D42A)	Ratio: 1.14 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 12.14 Passed ⁶	Ratio: 2.28 Failed ⁵
Hex(5B8064)	Ratio: 2.26 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(000000)	Ratio: 10.65 Passed ⁶	Ratio: 18.53 Passed ⁶	Ratio: 12.14 Passed ⁶	Ratio: 4.72 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.00 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.13 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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