

Converting Colors - WCAG Matrix

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

Hex(084600) Hex(435C40) Hex(463E00) Hex(1F2E1D) Hex(ADADAD) Hex(2E2E2E)

	Hex(084600)	Hex(435C40)	Hex(463E00)	Hex(1F2E1D)	Hex(ADADAD)	Hex(2E2E2E)
Hex(084600)		Ratio: 1.51 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(435C40)	Ratio: 1.51 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.84 Failed ⁵
Hex(463E00)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(1F2E1D)	Ratio: 1.29 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 6.38 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(ADADAD)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 6.38 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.22 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.05 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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