

Converting Colors - WCAG Matrix

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

Hex(A87159) Hex(A86548) Hex(A85938) Hex(A84D27) Hex(A84116) Hex(A83605) Hex(A83200)

Hex(A87159)		Ratio: 1.12 Failed⁵	Ratio: 1.25 Failed⁵	Ratio: 1.38 Failed⁵	Ratio: 1.51 Failed⁵	Ratio: 1.62 Failed⁵	Ratio: 1.66 Failed⁵
Hex(A86548)	Ratio: 1.12 Failed⁵		Ratio: 1.11 Failed⁵	Ratio: 1.23 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.48 Failed⁵
Hex(A85938)	Ratio: 1.25 Failed⁵	Ratio: 1.11 Failed⁵		Ratio: 1.11 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.33 Failed⁵
Hex(A84D27)	Ratio: 1.38 Failed⁵	Ratio: 1.23 Failed⁵	Ratio: 1.11 Failed⁵		Ratio: 1.09 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 1.20 Failed⁵
Hex(A84116)	Ratio: 1.51 Failed⁵	Ratio: 1.35 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 1.09 Failed⁵		Ratio: 1.07 Failed⁵	Ratio: 1.10 Failed⁵
Hex(A83605)	Ratio: 1.62 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.30 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 1.07 Failed⁵		Ratio: 1.02 Failed⁵
Hex(A83200)	Ratio: 1.66 Failed⁵	Ratio: 1.48 Failed⁵	Ratio: 1.33 Failed⁵	Ratio: 1.20 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.02 Failed⁵	

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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