

Converting Colors - WCAG Matrix

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

Hex(806C39) Hex(A69E8A) Hex(80394D) Hex(544F43) Hex(D4D4D4) Hex(545454)

	Hex(806C39)	Hex(A69E8A)	Hex(80394D)	Hex(544F43)	Hex(D4D4D4)	Hex(545454)
Hex(806C39)		Ratio: 1.91 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(A69E8A)	Ratio: 1.91 Failed ⁵		Ratio: 3.02 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(80394D)	Ratio: 1.58 Failed ⁵	Ratio: 3.02 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(544F43)	Ratio: 1.60 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(D4D4D4)	Ratio: 3.44 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.49 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.11 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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