

Converting Colors - WCAG Matrix

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

Hex(804C6A) Hex(A65583) Hex(807C4C) Hex(40393D) Hex(80004A) Hex(000000)

	Hex(804C6A)	Hex(A65583)	Hex(807C4C)	Hex(40393D)	Hex(80004A)	Hex(000000)
Hex(804C6A)		Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(A65583)	Ratio: 1.34 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(807C4C)	Ratio: 1.55 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(40393D)	Ratio: 1.69 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(80004A)	Ratio: 1.57 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(000000)	Ratio: 3.16 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.87 Failed ⁵	Ratio: 2.02 Failed ⁵	

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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