

Converting Colors - WCAG Matrix

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

Hex(883600) Hex(B24700) Hex(887800) Hex(45413E) Hex(853400) Hex(050200)

	Hex(883600)	Hex(B24700)	Hex(887800)	Hex(45413E)	Hex(853400)	Hex(050200)
Hex(883600)		Ratio: 1.47 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(B24700)	Ratio: 1.47 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(887800)	Ratio: 1.84 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(45413E)	Ratio: 1.24 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(853400)	Ratio: 1.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.45 Failed ⁵
Hex(050200)	Ratio: 2.54 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.45 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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