

Converting Colors - WCAG Matrix

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

Hex(918463) Hex(BDA875) Hex(879163) Hex(474540) Hex(876100) Hex(080500)

	Hex(918463)	Hex(BDA875)	Hex(879163)	Hex(474540)	Hex(876100)	Hex(080500)
Hex(918463)		Ratio: 1.59 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴
Hex(BDA875)	Ratio: 1.59 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 8.74 Passed ⁶
Hex(879163)	Ratio: 1.10 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(474540)	Ratio: 2.59 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 2.85 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(876100)	Ratio: 1.52 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 3.62 AA 18pt ²
Hex(080500)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 8.74 Passed ⁶	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 2.13 Failed ⁵	Ratio: 3.62 AA 18pt ²	

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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