

Converting Colors - WCAG Matrix

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

Hex(B000A3) Hex(E600D5) Hex(B06400) Hex(595059) Hex(99008E) Hex(1A0018)

	Hex(B000A3)	Hex(E600D5)	Hex(B06400)	Hex(595059)	Hex(99008E)	Hex(1A0018)
Hex(B000A3)		Ratio: 1.58 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(E600D5)	Ratio: 1.58 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(B06400)	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.42 AA 18pt ²
Hex(595059)	Ratio: 1.24 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(99008E)	Ratio: 1.23 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(1A0018)	Ratio: 3.19 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 4.42 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.60 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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