

Converting Colors - WCAG Matrix

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

Hex(B000AA) Hex(E600DE) Hex(B00052) Hex(595059) Hex(990094) Hex(1A0019)

	Hex(B000AA)	Hex(E600DE)	Hex(B00052)	Hex(595059)	Hex(990094)	Hex(1A0019)
Hex(B000AA)		Ratio: 1.58 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(E600DE)	Ratio: 1.58 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(B00052)	Ratio: 1.15 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(595059)	Ratio: 1.26 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(990094)	Ratio: 1.23 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(1A0019)	Ratio: 3.24 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.63 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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