

Converting Colors - WCAG Matrix

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

Hex(B04469) Hex(E63C76) Hex(B05444) Hex(595053) Hex(990034) Hex(1A0009)

	Hex(B04469)	Hex(E63C76)	Hex(B05444)	Hex(595053)	Hex(990034)	Hex(1A0009)
Hex(B04469)		Ratio: 1.36 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(E63C76)	Ratio: 1.36 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(B05444)	Ratio: 1.08 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(595053)	Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(990034)	Ratio: 1.61 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.29 Failed ⁵
Hex(1A0009)	Ratio: 3.70 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 4.01 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.29 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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