

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B36478) Hex(E86D8C) Hex(64A1B3) Hex(595053) Hex(990027) Hex(190006)

Hex(B36478)		Ratio: 1.40 Failed⁵	Ratio: 1.46 Failed⁵	Ratio: 1.86 Failed⁵	Ratio: 2.10 Failed⁵	Ratio: 4.80 AA¹ AAA 18pt⁴
Hex(E86D8C)	Ratio: 1.40 Failed⁵		Ratio: 1.04 Failed⁵	Ratio: 2.59 Failed⁵	Ratio: 2.94 Failed⁵	Ratio: 6.70 AA¹ AAA 18pt⁴
Hex(64A1B3)	Ratio: 1.46 Failed⁵	Ratio: 1.04 Failed⁵		Ratio: 2.70 Failed⁵	Ratio: 3.06 AA 18pt²	Ratio: 6.98 AA¹ AAA 18pt⁴
Hex(595053)	Ratio: 1.86 Failed⁵	Ratio: 2.59 Failed⁵	Ratio: 2.70 Failed⁵		Ratio: 1.13 Failed⁵	Ratio: 2.58 Failed⁵
Hex(990027)	Ratio: 2.10 Failed⁵	Ratio: 2.94 Failed⁵	Ratio: 3.06 AA 18pt²	Ratio: 1.13 Failed⁵		Ratio: 2.28 Failed⁵
Hex(190006)	Ratio: 4.80 AA¹ AAA 18pt⁴	Ratio: 6.70 AA¹ AAA 18pt⁴	Ratio: 6.98 AA¹ AAA 18pt⁴	Ratio: 2.58 Failed⁵	Ratio: 2.28 Failed⁵	

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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