

Converting Colors - WCAG Matrix

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

Hex(500034) Hex(690044) Hex(005044) Hex(292527) Hex(E80096)

	Hex(500034)	Hex(690044)	Hex(005044)	Hex(292527)	Hex(E80096)
Hex(500034)		Ratio: 1.21 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(690044)	Ratio: 1.21 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(005044)	Ratio: 1.60 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(292527)	Ratio: 1.00 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 3.51 AA 18pt ²
Hex(E80096)	Ratio: 3.50 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 3.51 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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