

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4A5243) Hex(5F6B54) Hex(435244) Hex(272925) Hex(316900) Hex(6CE800)

Hex(4A5243)		Ratio: 1.44 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.80 Failed⁵	Ratio: 1.22 Failed⁵	Ratio: 5.11 AA¹ AAA 18pt⁴
Hex(5F6B54)	Ratio: 1.44 Failed⁵		Ratio: 1.47 Failed⁵	Ratio: 2.60 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 3.55 AA 18pt²
Hex(435244)	Ratio: 1.02 Failed⁵	Ratio: 1.47 Failed⁵		Ratio: 1.77 Failed⁵	Ratio: 1.25 Failed⁵	Ratio: 5.21 AA¹ AAA 18pt⁴
Hex(272925)	Ratio: 1.80 Failed⁵	Ratio: 2.60 Failed⁵	Ratio: 1.77 Failed⁵		Ratio: 2.20 Failed⁵	Ratio: 9.22 Passed⁶
Hex(316900)	Ratio: 1.22 Failed⁵	Ratio: 1.18 Failed⁵	Ratio: 1.25 Failed⁵	Ratio: 2.20 Failed⁵		Ratio: 4.18 AA 18pt²
Hex(6CE800)	Ratio: 5.11 AA¹ AAA 18pt⁴	Ratio: 3.55 AA 18pt²	Ratio: 5.21 AA¹ AAA 18pt⁴	Ratio: 9.22 Passed⁶	Ratio: 4.18 AA 18pt²	

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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