

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4D5642) Hex(637052) Hex(435642) Hex(292B27) Hex(3B6B00) Hex(81EB00)

	Hex(4D5642)	Hex(637052)	Hex(435642)	Hex(292B27)	Hex(3B6B00)	Hex(81EB00)
Hex(4D5642)		Ratio: 1.46 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(637052)	Ratio: 1.46 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(435642)	Ratio: 1.03 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(292B27)	Ratio: 1.86 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 9.40 Passed ⁶
Hex(3B6B00)	Ratio: 1.21 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 4.20 AA 18pt ²
Hex(81EB00)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 9.40 Passed ⁶	Ratio: 4.20 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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