

Converting Colors - WCAG Matrix

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

Hex(445D45) Hex(537A55) Hex(445D52) Hex(292E29) Hex(006E04) Hex(00ED09)

	Hex(445D45)	Hex(537A55)	Hex(445D52)	Hex(292E29)	Hex(006E04)	Hex(00ED09)
Hex(445D45)		Ratio: 1.48 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴
Hex(537A55)	Ratio: 1.48 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(445D52)	Ratio: 1.01 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(292E29)	Ratio: 1.91 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 8.65 Passed ⁶
Hex(006E04)	Ratio: 1.12 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.06 AA 18pt ²
Hex(00ED09)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 8.65 Passed ⁶	Ratio: 4.06 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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