

Converting Colors - WCAG Matrix

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

Hex(388C39) Hex(33B534) Hex(388C62) Hex(3E453E) Hex(008502) Hex(000500)

Hex(388C39)		Ratio: 1.57 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(33B534)	Ratio: 1.57 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 7.63 Passed ⁶
Hex(388C62)	Ratio: 1.02 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(3E453E)	Ratio: 2.34 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.40 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(008502)	Ratio: 1.14 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 4.26 AA 18pt ²
Hex(000500)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 7.63 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 4.26 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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