

Converting Colors - WCAG Matrix

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

Hex(48653A) Hex(558240) Hex(3A6541) Hex(30332E) Hex(257300) Hex(4FF200)

	Hex(48653A)	Hex(558240)	Hex(3A6541)	Hex(30332E)	Hex(257300)	Hex(4FF200)
Hex(48653A)		Ratio: 1.46 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.39 AA 18pt ²
Hex(558240)	Ratio: 1.46 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(3A6541)	Ratio: 1.03 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.50 AA ¹ AAA 18pt ⁴
Hex(30332E)	Ratio: 1.95 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.56 Passed ⁶
Hex(257300)	Ratio: 1.10 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 3.97 AA 18pt ²
Hex(4FF200)	Ratio: 4.39 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 8.56 Passed ⁶	Ratio: 3.97 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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