

Converting Colors - WCAG Matrix

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

Hex(487056) Hex(539169) Hex(48706A) Hex(323834) Hex(00782A) Hex(00F757)

Hex(487056)		Ratio: 1.51 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(539169)	Ratio: 1.51 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(48706A)	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(323834)	Ratio: 2.13 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.17 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(00782A)	Ratio: 1.00 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.12 Failed ⁵	
Hex(00F757)	Ratio: 3.87 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 8.25 Passed ⁶	Ratio: 3.88 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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