

Converting Colors - WCAG Matrix

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

Hex(3A6B5C) Hex(3F8C75) Hex(3A626B) Hex(303634) Hex(007551) Hex(00F5AA)

	Hex(3A6B5C)	Hex(3F8C75)	Hex(3A626B)	Hex(303634)	Hex(007551)	Hex(00F5AA)
Hex(3A6B5C)		Ratio: 1.52 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.26 AA 18pt ²
Hex(3F8C75)	Ratio: 1.52 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(3A626B)	Ratio: 1.10 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴
Hex(303634)	Ratio: 2.02 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 8.60 Passed ⁶
Hex(007551)	Ratio: 1.07 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 4.00 AA 18pt ²
Hex(00F5AA)	Ratio: 4.26 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 8.60 Passed ⁶	Ratio: 4.00 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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