

Converting Colors - WCAG Matrix

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

Hex(016954) Hex(00876D) Hex(014969) Hex(2E3332) Hex(00735D) Hex(00F2C3)

	Hex(016954)	Hex(00876D)	Hex(014969)	Hex(2E3332)	Hex(00735D)	Hex(00F2C3)
Hex(016954)		Ratio: 1.49 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(00876D)	Ratio: 1.49 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.09 AA 18pt ²
Hex(014969)	Ratio: 1.46 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(2E3332)	Ratio: 1.93 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 8.86 Passed ⁶
Hex(00735D)	Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.01 AA 18pt ²
Hex(00F2C3)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.09 AA 18pt ²	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 8.86 Passed ⁶	Ratio: 4.01 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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