

Converting Colors - WCAG Matrix

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

Hex(00756E) Hex(6B9996) Hex(087500) Hex(314D4B) Hex(CCCCCC) Hex(4D4D4D)

	Hex(00756E)	Hex(6B9996)	Hex(087500)	Hex(314D4B)	Hex(CCCCCC)	Hex(4D4D4D)
Hex(00756E)		Ratio: 1.76 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(6B9996)	Ratio: 1.76 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(087500)	Ratio: 1.06 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(314D4B)	Ratio: 1.64 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(CCCCCC)	Ratio: 3.47 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4D4D4D)	Ratio: 1.52 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	

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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