

Converting Colors - WCAG Matrix

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

Hex(76AC87) Hex(8BE0A6) Hex(76ACA1) Hex(4E5751) Hex(00962F) Hex(001707)

	Hex(76AC87)	Hex(8BE0A6)	Hex(76ACA1)	Hex(4E5751)	Hex(00962F)	Hex(001707)
Hex(76AC87)		Ratio: 1.66 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 7.13 Passed ⁶
Hex(8BE0A6)	Ratio: 1.66 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.46 Failed ⁵	Ratio: 11.83 Passed ⁶
Hex(76ACA1)	Ratio: 1.02 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 7.27 Passed ⁶
Hex(4E5751)	Ratio: 2.86 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(00962F)	Ratio: 1.48 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(001707)	Ratio: 7.13 Passed ⁶	Ratio: 11.83 Passed ⁶	Ratio: 7.27 Passed ⁶	Ratio: 2.49 Failed ⁵	Ratio: 4.80 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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