

Converting Colors - WCAG Matrix

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

Hex(3AAE9B) Hex(2DE3C5) Hex(3A87AE) Hex(4E5755) Hex(00967E) Hex(001713)

	Hex(3AAE9B)	Hex(2DE3C5)	Hex(3A87AE)	Hex(4E5755)	Hex(00967E)	Hex(001713)
Hex(3AAE9B)		Ratio: 1.67 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 6.81 AA ¹ AAA 18pt ⁴
Hex(2DE3C5)	Ratio: 1.67 Failed ⁵		Ratio: 2.46 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.28 Failed ⁵	Ratio: 11.40 Passed ⁶
Hex(3A87AE)	Ratio: 1.47 Failed ⁵	Ratio: 2.46 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(4E5755)	Ratio: 2.73 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.87 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(00967E)	Ratio: 1.36 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(001713)	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 11.40 Passed ⁶	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵	Ratio: 5.00 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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