

Converting Colors - WCAG Matrix

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

Hex(3B8882) Hex(38B0A8) Hex(3B6788) Hex(3E4543) Hex(00857B) Hex(000503)

	Hex(3B8882)	Hex(38B0A8)	Hex(3B6788)	Hex(3E4543)	Hex(00857B)	Hex(000503)
Hex(3B8882)		Ratio: 1.58 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(38B0A8)	Ratio: 1.58 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 7.77 Passed ⁶
Hex(3B6788)	Ratio: 1.44 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(3E4543)	Ratio: 2.35 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(00857B)	Ratio: 1.08 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(000503)	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶	Ratio: 3.40 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 4.54 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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