

Converting Colors - WCAG Matrix

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

Hex(538377) Hex(60AB98) Hex(537783) Hex(3C4241) Hex(008262) Hex(000302)

Hex(538377)		Ratio: 1.59 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(60AB98)	Ratio: 1.59 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 7.67 Passed ⁶
Hex(537783)	Ratio: 1.13 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(3C4241)	Ratio: 2.38 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(008262)	Ratio: 1.12 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.31 AA 18pt ²
Hex(000302)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 7.67 Passed ⁶	Ratio: 4.27 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 4.31 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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