

Converting Colors - WCAG Matrix

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

Hex(468383) Hex(4BABAB) Hex(466583) Hex(3C4242) Hex(008282) Hex(000303)

Hex(468383)		Ratio: 1.60 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.07 Failed ⁵ AA ¹ AAA 18pt ⁴
Hex(4BABAB)	Ratio: 1.60 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.71 Failed ⁵ Ratio: 7.60 Passed ⁶
Hex(466583)	Ratio: 1.40 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.31 Failed ⁵ Ratio: 3.40 AA 18pt ²
Hex(3C4242)	Ratio: 2.36 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 2.20 Failed ⁵ Ratio: 2.02 Failed ⁵
Hex(008282)	Ratio: 1.07 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 4.45 AA 18pt ²
Hex(000303)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 3.40 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 4.45 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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