

Converting Colors - WCAG Matrix

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

Hex(76948B) Hex(91BFB2) Hex(768E94) Hex(434A48) Hex(008A60) Hex(000A07)

	Hex(76948B)	Hex(91BFB2)	Hex(768E94)	Hex(434A48)	Hex(008A60)	Hex(000A07)
Hex(76948B)		Ratio: 1.61 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(91BFB2)	Ratio: 1.61 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 9.84 Passed ⁶
Hex(768E94)	Ratio: 1.05 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴
Hex(434A48)	Ratio: 2.76 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(008A60)	Ratio: 1.33 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(000A07)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 9.84 Passed ⁶	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 4.59 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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