

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(6B8B7C) Hex(82B59D) Hex(6B8A8B) Hex(3E4542) Hex(008546) Hex(000503)

	Hex(6B8B7C)	Hex(82B59D)	Hex(6B8A8B)	Hex(3E4542)	Hex(008546)	Hex(000503)
Hex(6B8B7C)		Ratio: 1.61 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(82B59D)	Ratio: 1.61 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 8.84 Passed ⁶
Hex(6B8A8B)	Ratio: 1.00 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴
Hex(3E4542)	Ratio: 2.63 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.64 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(008546)	Ratio: 1.26 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 4.34 AA 18pt ²
Hex(000503)	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 8.84 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 4.34 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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