

Converting Colors - WCAG Matrix

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

Hex(6F807F) Hex(8BA6A4) Hex(6F7980) Hex(39403F) Hex(008078) Hex(000000)

	Hex(6F807F)	Hex(8BA6A4)	Hex(6F7980)	Hex(39403F)	Hex(008078)	Hex(000000)
Hex(6F807F)		Ratio: 1.60 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(8BA6A4)	Ratio: 1.60 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 8.09 Passed ⁶
Hex(6F7980)	Ratio: 1.07 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(39403F)	Ratio: 2.56 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(008078)	Ratio: 1.16 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 4.36 AA 18pt ²
Hex(000000)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 8.09 Passed ⁶	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 4.36 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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