

Converting Colors - WCAG Matrix

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

Hex(5BBCBD) Hex(5DF3F5) Hex(5B8CBD) Hex(555E5E) Hex(009C9E) Hex(001E1F)

	Hex(5BBCBD)	Hex(5DF3F5)	Hex(5B8CBD)	Hex(555E5E)	Hex(009C9E)	Hex(001E1F)
Hex(5BBCBD)		Ratio: 1.66 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 7.78 Passed ⁶
Hex(5DF3F5)	Ratio: 1.66 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 12.95 Passed ⁶
Hex(5B8CBD)	Ratio: 1.58 Failed ⁵	Ratio: 2.63 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.92 AA ¹ AAA 18pt ⁴
Hex(555E5E)	Ratio: 2.98 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(009C9E)	Ratio: 1.50 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(001E1F)	Ratio: 7.78 Passed ⁶	Ratio: 12.95 Passed ⁶	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 2.61 Failed ⁵	Ratio: 5.18 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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