

Converting Colors - WCAG Matrix

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

Hex(66BCBC) Hex(6EF5F5) Hex(6691BC) Hex(555E5E) Hex(009E9E) Hex(001F1F)

	Hex(66BCBC)	Hex(6EF5F5)	Hex(6691BC)	Hex(555E5E)	Hex(009E9E)	Hex(001F1F)
Hex(66BCBC)		Ratio: 1.69 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 7.80 Passed ⁶
Hex(6EF5F5)	Ratio: 1.69 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 13.19 Passed ⁶
Hex(6691BC)	Ratio: 1.50 Failed ⁵	Ratio: 2.53 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴
Hex(555E5E)	Ratio: 3.01 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(009E9E)	Ratio: 1.49 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 5.25 AA ¹ AAA 18pt ⁴
Hex(001F1F)	Ratio: 7.80 Passed ⁶	Ratio: 13.19 Passed ⁶	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.59 Failed ⁵	Ratio: 5.25 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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