

Converting Colors - WCAG Matrix

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

Hex(6EF1F1) Hex(59FFFF) Hex(6EB0F1) Hex(6C7878) Hex(00B8B8) Hex(003838)

	Hex(6EF1F1)	Hex(59FFFF)	Hex(6EB0F1)	Hex(6C7878)	Hex(00B8B8)	Hex(003838)
Hex(6EF1F1)		Ratio: 1.11 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 9.56 Passed ⁶
Hex(59FFFF)	Ratio: 1.11 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 10.58 Passed ⁶
Hex(6EB0F1)	Ratio: 1.70 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(6C7878)	Ratio: 3.38 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(00B8B8)	Ratio: 1.81 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(003838)	Ratio: 9.56 Passed ⁶	Ratio: 10.58 Passed ⁶	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 2.83 Failed ⁵	Ratio: 5.27 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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