

Converting Colors - WCAG Matrix

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

Hex(4FEAF5) Hex(30F1FF) Hex(4F9AF5) Hex(6E7A7A) Hex(00AEBA) Hex(00373B)

	Hex(4FEAF5)	Hex(30F1FF)	Hex(4F9AF5)	Hex(6E7A7A)	Hex(00AEBA)	Hex(00373B)
Hex(4FEAF5)		Ratio: 1.05 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 8.96 Passed ⁶
Hex(30F1FF)	Ratio: 1.05 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 9.41 Passed ⁶
Hex(4F9AF5)	Ratio: 1.98 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(6E7A7A)	Ratio: 3.05 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 1.54 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(00AEBA)	Ratio: 1.86 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(00373B)	Ratio: 8.96 Passed ⁶	Ratio: 9.41 Passed ⁶	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.94 Failed ⁵	Ratio: 4.82 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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