

Converting Colors - WCAG Matrix

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

Hex(60F6F6) Hex(45FFFF) Hex(60ABF6) Hex(6E7A7A) Hex(00BABA) Hex(003B3B)

	Hex(60F6F6)	Hex(45FFFF)	Hex(60ABF6)	Hex(6E7A7A)	Hex(00BABA)	Hex(003B3B)
Hex(60F6F6)		Ratio: 1.06 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.83 Failed ⁵	Ratio: 9.48 Passed ⁶
Hex(45FFFF)	Ratio: 1.06 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 10.07 Passed ⁶
Hex(60ABF6)	Ratio: 1.85 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(6E7A7A)	Ratio: 3.39 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 1.83 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(00BABA)	Ratio: 1.83 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(003B3B)	Ratio: 9.48 Passed ⁶	Ratio: 10.07 Passed ⁶	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 2.80 Failed ⁵	Ratio: 5.17 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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