

Converting Colors - WCAG Matrix

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

Hex(6F6F6F) **Hex(8F8F8F)** **Hex(383838)** **Hex(007878)** **Hex(00F7F7)**

	Hex(6F6F6F)	Hex(8F8F8F)	Hex(383838)	Hex(007878)	Hex(00F7F7)
Hex(6F6F6F)		Ratio: 1.55 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.74 AA 18pt ²
Hex(8F8F8F)	Ratio: 1.55 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(383838)	Ratio: 2.33 Failed ⁵	Ratio: 3.63 AA 18pt ²		Ratio: 2.21 Failed ⁵	Ratio: 8.74 Passed ⁶
Hex(007878)	Ratio: 1.06 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(00F7F7)	Ratio: 3.74 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 8.74 Passed ⁶	Ratio: 3.95 AA 18pt ²	

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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