

Converting Colors - WCAG Matrix

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

Hex(37ABB3) Hex(27DCE8) Hex(376FB3) Hex(505959) Hex(008F99) Hex(00181A)

	Hex(37ABB3)	Hex(27DCE8)	Hex(376FB3)	Hex(505959)	Hex(008F99)	Hex(00181A)
Hex(37ABB3)		Ratio: 1.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(27DCE8)	Ratio: 1.63 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 10.90 Passed ⁶
Hex(376FB3)	Ratio: 1.87 Failed ⁵	Ratio: 3.06 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(505959)	Ratio: 2.62 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 1.40 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(008F99)	Ratio: 1.42 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(00181A)	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 10.90 Passed ⁶	Ratio: 3.57 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 4.70 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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