

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(5B6464) Hex(728182) Hex(5B5F64) Hex(2E3333) Hex(006E73) Hex(00E9F2)

	Hex(5B6464)	Hex(728182)	Hex(5B5F64)	Hex(2E3333)	Hex(006E73)	Hex(00E9F2)
Hex(5B6464)		Ratio: 1.50 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.04 AA 18pt ²
Hex(728182)	Ratio: 1.50 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(5B5F64)	Ratio: 1.06 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(2E3333)	Ratio: 2.11 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 8.51 Passed ⁶
Hex(006E73)	Ratio: 1.01 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 4.01 AA 18pt ²
Hex(00E9F2)	Ratio: 4.04 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 8.51 Passed ⁶	Ratio: 4.01 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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