

Converting Colors - WCAG Matrix

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

Hex(576265) Hex(6F8085) Hex(575C65) Hex(2E3233) Hex(005C73) Hex(00C2F2)

	Hex(576265)	Hex(6F8085)	Hex(575C65)	Hex(2E3233)	Hex(005C73)	Hex(00C2F2)
Hex(576265)		Ratio: 1.53 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(6F8085)	Ratio: 1.53 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(575C65)	Ratio: 1.07 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(2E3233)	Ratio: 2.06 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(005C73)	Ratio: 1.20 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 3.60 AA 18pt ²
Hex(00C2F2)	Ratio: 2.99 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 3.60 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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