

Converting Colors - WCAG Matrix

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

Hex(28C6C6) Hex(0AFFFF) Hex(2878C6) Hex(5A6361) Hex(00A3A1) Hex(002424)

	Hex(28C6C6)	Hex(0AFFFF)	Hex(2878C6)	Hex(5A6361)	Hex(00A3A1)	Hex(002424)
Hex(28C6C6)		Ratio: 1.68 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 7.81 Passed ⁶
Hex(0AFFFF)	Ratio: 1.68 Failed ⁵		Ratio: 3.64 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵	Ratio: 13.10 Passed ⁶
Hex(2878C6)	Ratio: 2.17 Failed ⁵	Ratio: 3.64 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(5A6361)	Ratio: 2.94 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(00A3A1)	Ratio: 1.48 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 5.29 AA ¹ AAA 18pt ⁴
Hex(002424)	Ratio: 7.81 Passed ⁶	Ratio: 13.10 Passed ⁶	Ratio: 3.59 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 5.29 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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