

Converting Colors - WCAG Matrix

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

Hex(5DC5D5) Hex(52E8FF) Hex(5D89D5) Hex(606A6B) Hex(0094AB) Hex(00262B)

	Hex(5DC5D5)	Hex(52E8FF)	Hex(5D89D5)	Hex(606A6B)	Hex(0094AB)	Hex(00262B)
Hex(5DC5D5)		Ratio: 1.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 7.94 Passed ⁶
Hex(52E8FF)	Ratio: 1.38 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 10.93 Passed ⁶
Hex(5D89D5)	Ratio: 1.73 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(606A6B)	Ratio: 2.76 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.59 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(0094AB)	Ratio: 1.79 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 4.44 AA 18pt ²
Hex(00262B)	Ratio: 7.94 Passed ⁶	Ratio: 10.93 Passed ⁶	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 4.44 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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