

Converting Colors - WCAG Matrix

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

Hex(4BCAD8) Hex(38EBFF) Hex(4B86D8) Hex(606A6B) Hex(009AAB) Hex(00272B)

	Hex(4BCAD8)	Hex(38EBFF)	Hex(4B86D8)	Hex(606A6B)	Hex(009AAB)	Hex(00272B)
Hex(4BCAD8)		Ratio: 1.35 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 8.10 Passed ⁶
Hex(38EBFF)	Ratio: 1.35 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 10.94 Passed ⁶
Hex(4B86D8)	Ratio: 1.88 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(606A6B)	Ratio: 2.85 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 1.51 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(009AAB)	Ratio: 1.73 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(00272B)	Ratio: 8.10 Passed ⁶	Ratio: 10.94 Passed ⁶	Ratio: 4.30 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 4.69 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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