

Converting Colors - WCAG Matrix

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

Hex(90D2D3) Hex(9EFFFF) Hex(90B2D3) Hex(5E6869) Hex(00A6A8) Hex(002829)

	Hex(90D2D3)	Hex(9EFFFF)	Hex(90B2D3)	Hex(5E6869)	Hex(00A6A8)	Hex(002829)
Hex(90D2D3)		Ratio: 1.46 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 9.24 Passed ⁶
Hex(9EFFFF)	Ratio: 1.46 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.57 Failed ⁵	Ratio: 13.53 Passed ⁶
Hex(90B2D3)	Ratio: 1.30 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 7.11 Passed ⁶
Hex(5E6869)	Ratio: 3.37 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.59 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(00A6A8)	Ratio: 1.76 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(002829)	Ratio: 9.24 Passed ⁶	Ratio: 13.53 Passed ⁶	Ratio: 7.11 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 5.26 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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