

Converting Colors - WCAG Matrix

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

Hex(82A19F) Hex(FFFFFF) Hex(B7D7D6) Hex(D3F4F2) Hex(F0FFFF)

Hex(82A19F)		Ratio: 2.78 Failed⁵	Ratio: 1.82 Failed⁵	Ratio: 2.38 Failed⁵
Hex(FFFFFF)	Ratio: 2.78 Failed⁵		Ratio: 1.53 Failed⁵	Ratio: 1.17 Failed⁵
Hex(B7D7D6)	Ratio: 1.82 Failed⁵	Ratio: 1.53 Failed⁵		Ratio: 1.31 Failed⁵
Hex(D3F4F2)	Ratio: 2.38 Failed⁵	Ratio: 1.17 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 1.14 Failed⁵
Hex(F0FFFF)	Ratio: 2.71 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 1.49 Failed⁵	Ratio: 1.14 Failed⁵

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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