

Converting Colors - WCAG Matrix

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

	Hex(46996A)	Hex(FFFFFF)	Hex(7CD09E)	Hex(98ECB9)	Hex(B4FFD4)	Hex(D1FFF1)	Hex(EFFFFFF)
Hex(46996A)		Ratio: 3.49 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 3.38 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.49 AA 18pt ²		Ratio: 1.85 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(7CD09E)	Ratio: 1.89 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(98ECB9)	Ratio: 2.50 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(B4FFD4)	Ratio: 3.02 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(D1FFF1)	Ratio: 3.20 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(EFFFFFF)	Ratio: 3.38 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	

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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