

Converting Colors - WCAG Matrix

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

	Hex(46BF83)	Hex(FFFFFF)	Hex(82F8B8)	Hex(9FFFD4)	Hex(BCFFF0)	Hex(DAFFFF)	Hex(F8FFFF)
Hex(46BF83)		Ratio: 2.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(FFFFFF)	Ratio: 2.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(82F8B8)	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(9FFFD4)	Ratio: 1.96 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(BCFFF0)	Ratio: 2.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DAFFFF)	Ratio: 2.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F8FFFF)	Ratio: 2.29 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 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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