

Converting Colors - WCAG Matrix

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

	Hex(00A3AF)	Hex(FFFFFF)	Hex(60DBE7)	Hex(7FF7FF)	Hex(9EFFFF)	Hex(BCFFFF)	Hex(DAFFFF)	Hex(F9FFFF)
Hex(00A3AF)		Ratio: 3.06 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.06 AA 18pt ²		Ratio: 1.64 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(60DBE7)	Ratio: 1.86 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(7FF7FF)	Ratio: 2.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(9EFFFF)	Ratio: 2.65 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(BCFFFF)	Ratio: 2.75 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(DAFFFF)	Ratio: 2.88 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F9FFFF)	Ratio: 3.03 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 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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