

Converting Colors - WCAG Matrix

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

Hex(02FFFF) Hex(FFFFFF) Hex(7AFFFF) Hex(9DFFFF) Hex(BFFFFFF) Hex(E0FFFF)

	Hex(02FFFF)	Hex(FFFFFF)	Hex(7AFFFF)	Hex(9DFFFF)	Hex(BFFFFFF)	Hex(E0FFFF)
Hex(02FFFF)		Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FFFFFF)	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(7AFFFF)	Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(9DFFFF)	Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(BFFFFFF)	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E0FFFF)	Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.13 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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