

Converting Colors - WCAG Matrix

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

	Hex(0DABB0)	Hex(FFFFFF)	Hex(63E3E8)	Hex(82FFFF)	Hex(A1FFFF)	Hex(BFFFFFFF)	Hex(DEFFFF)	Hex(FCFFFF)
Hex(0DABB0)		Ratio: 2.81 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(FFFFFF)	Ratio: 2.81 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(63E3E8)	Ratio: 1.83 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(82FFFF)	Ratio: 2.37 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(A1FFFF)	Ratio: 2.45 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(BFFFFFFF)	Ratio: 2.54 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(DEFFFF)	Ratio: 2.66 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FCFFFF)	Ratio: 2.80 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 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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