

Converting Colors - WCAG Matrix

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

	Hex(54A691)	Hex(70C2AB)	Hex(8CDEC7)	Hex(A6FAE3)	Hex(C2FFFF)	Hex(E0FFFF)	Hex(FCFFFF)	Hex(FFFFFF)
Hex(54A691)		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(70C2AB)	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(8CDEC7)	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(A6FAE3)	Ratio: 2.40 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(C2FFFF)	Ratio: 2.63 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(E0FFFF)	Ratio: 2.75 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FCFFFF)	Ratio: 2.88 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 2.90 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 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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