

Converting Colors - WCAG Matrix

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

	Hex(35CB7D)	Hex(FFFFFF)	Hex(78FFB2)	Hex(97FFCE)	Hex(B5FFEA)	Hex(D3FFFF)	Hex(F1FFFF)
Hex(35CB7D)		Ratio: 2.10 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(FFFFFF)	Ratio: 2.10 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(78FFB2)	Ratio: 1.68 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(97FFCE)	Ratio: 1.75 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(B5FFEA)	Ratio: 1.85 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(D3FFFF)	Ratio: 1.95 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F1FFFF)	Ratio: 2.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.22 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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