

Converting Colors - WCAG Matrix

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

Hex(83D25A) Hex(FFFFFF) Hex(BCFF8F) Hex(D9FFAB) Hex(F6FFC7) Hex(FFFFE4)

	Hex(83D25A)	Hex(FFFFFF)	Hex(BCFF8F)	Hex(D9FFAB)	Hex(F6FFC7)	Hex(FFFFE4)
Hex(83D25A)		Ratio: 1.85 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFFFFF)	Ratio: 1.85 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(BCFF8F)	Ratio: 1.57 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(D9FFAB)	Ratio: 1.66 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(F6FFC7)	Ratio: 1.77 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFE4)	Ratio: 1.82 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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