

Converting Colors - WCAG Matrix

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

Hex(78BB5C) Hex(FFFFFF) Hex(AFF490) Hex(CCFFAB) Hex(E9FFC7) Hex(FFFFE4)

	Hex(78BB5C)	Hex(FFFFFF)	Hex(AFF490)	Hex(CCFFAB)	Hex(E9FFC7)	Hex(FFFFE4)
Hex(78BB5C)		Ratio: 2.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(FFFFFF)	Ratio: 2.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(AFF490)	Ratio: 1.78 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(CCFFAB)	Ratio: 2.04 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(E9FFC7)	Ratio: 2.16 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FFFFE4)	Ratio: 2.28 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 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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