

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(73B012)	Hex(FFFFFF)	Hex(ACE853)	Hex(C9FF6F)	Hex(E6FF8A)	Hex(FFFA6)	Hex(FFFC3)	Hex(FFFE0)	Hex(FFFFD)
Hex(73B012)		Ratio: 2.64 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(FFFFFF)	Ratio: 2.64 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(ACE853)	Ratio: 1.81 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(C9FF6F)	Ratio: 2.27 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(E6FF8A)	Ratio: 2.40 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(FFFA6)	Ratio: 2.53 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFC3)	Ratio: 2.56 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFE0)	Ratio: 2.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFD)	Ratio: 2.64 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 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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