

Converting Colors - WCAG Matrix

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

	Hex(A5BF0C)	Hex(C2DB36)	Hex(E0F754)	Hex(FEFF71)	Hex(FFFF8D)	Hex(FFFFAA)	Hex(FFFC7)	Hex(FFFE4)	Hex(FFFFFF)
Hex(A5BF0C)		Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(C2DB36)	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(E0F754)	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FEFF71)	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFFF8D)	Ratio: 1.98 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FFFFAA)	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFC7)	Ratio: 2.03 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFE4)	Ratio: 2.06 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 2.09 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 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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