

Converting Colors - WCAG Matrix

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

Hex(EEF19A) Hex(FBFF91) Hex(C3F19A) Hex(77786C) Hex(B1B800) Hex(363800)

	Hex(EEF19A)	Hex(FBFF91)	Hex(C3F19A)	Hex(77786C)	Hex(B1B800)	Hex(363800)
Hex(EEF19A)		Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 10.27 Passed ⁶
Hex(FBFF91)	Ratio: 1.12 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 11.50 Passed ⁶
Hex(C3F19A)	Ratio: 1.08 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 9.50 Passed ⁶
Hex(77786C)	Ratio: 3.77 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 3.49 AA 18pt ²		Ratio: 2.07 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(B1B800)	Ratio: 1.82 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(363800)	Ratio: 10.27 Passed ⁶	Ratio: 11.50 Passed ⁶	Ratio: 9.50 Passed ⁶	Ratio: 2.72 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴	

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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