

Converting Colors - WCAG Matrix

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

Hex(F1E244) Hex(FFEC24) Hex(ACF144) Hex(78776C) Hex(B8A800) Hex(383300)

	Hex(F1E244)	Hex(FFEC24)	Hex(ACF144)	Hex(78776C)	Hex(B8A800)	Hex(383300)
Hex(F1E244)		Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 9.57 Passed ⁶
Hex(FFEC24)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 10.52 Passed ⁶
Hex(ACF144)	Ratio: 1.02 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.31 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 9.39 Passed ⁶
Hex(78776C)	Ratio: 3.37 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 3.31 AA 18pt ²		Ratio: 1.86 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(B8A800)	Ratio: 1.82 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(383300)	Ratio: 9.57 Passed ⁶	Ratio: 10.52 Passed ⁶	Ratio: 9.39 Passed ⁶	Ratio: 2.83 Failed ⁵	Ratio: 5.26 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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