

Converting Colors - WCAG Matrix

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

Hex(EDDE78) Hex(FFEC69) Hex(C2ED78) Hex(75746A) Hex(B59E00) Hex(362F00)

	Hex(EDDE78)	Hex(FFEC69)	Hex(C2ED78)	Hex(75746A)	Hex(B59E00)	Hex(362F00)
Hex(EDDE78)		Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 9.80 Passed ⁶
Hex(FFEC69)	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 11.16 Passed ⁶
Hex(C2ED78)	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 10.03 Passed ⁶
Hex(75746A)	Ratio: 3.43 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 3.51 AA 18pt ²		Ratio: 1.76 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(B59E00)	Ratio: 1.95 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(362F00)	Ratio: 9.80 Passed ⁶	Ratio: 11.16 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 5.02 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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