

Converting Colors - WCAG Matrix

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

Hex(767672) Hex(999993) Hex(747672) Hex(3B3B38) Hex(7A7800) Hex(FAF500)

	Hex(767672)	Hex(999993)	Hex(747672)	Hex(3B3B38)	Hex(7A7800)	Hex(FAF500)
Hex(767672)		Ratio: 1.59 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(999993)	Ratio: 1.59 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(747672)	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.45 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.96 AA 18pt ²
Hex(3B3B38)	Ratio: 2.46 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.45 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 9.70 Passed ⁶
Hex(7A7800)	Ratio: 1.02 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 4.02 AA 18pt ²
Hex(FAF500)	Ratio: 3.94 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 9.70 Passed ⁶	Ratio: 4.02 AA 18pt ²	

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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