

Converting Colors - WCAG Matrix

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

Hex(C4747D) Hex(FF8291) Hex(74A5C4) Hex(635A5B) Hex(A30013) Hex(240004)

	Hex(C4747D)	Hex(FF8291)	Hex(74A5C4)	Hex(635A5B)	Hex(A30013)	Hex(240004)
Hex(C4747D)		Ratio: 1.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 5.70 AA ¹ AAA 18pt ⁴
Hex(FF8291)	Ratio: 1.44 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 8.22 Passed ⁶
Hex(74A5C4)	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 7.36 Passed ⁶
Hex(635A5B)	Ratio: 1.95 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.52 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30013)	Ratio: 2.39 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(240004)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 8.22 Passed ⁶	Ratio: 7.36 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 2.38 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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