

Converting Colors - WCAG Matrix

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

Hex(C764A6) Hex(FF66CC) Hex(75C764) Hex(635A60) Hex(A3006D) Hex(240018)

	Hex(C764A6)	Hex(FF66CC)	Hex(75C764)	Hex(635A60)	Hex(A3006D)	Hex(240018)
Hex(C764A6)		Ratio: 1.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(FF66CC)	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 7.37 Passed ⁶
Hex(75C764)	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 9.29 Passed ⁶
Hex(635A60)	Ratio: 1.83 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.20 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A3006D)	Ratio: 2.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(240018)	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 7.37 Passed ⁶	Ratio: 9.29 Passed ⁶	Ratio: 2.91 Failed ⁵	Ratio: 2.55 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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