

Converting Colors - WCAG Matrix

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

Hex(C90091) Hex(FF00B8) Hex(C99A00) Hex(665C63) Hex(A60077) Hex(26001C)

	Hex(C90091)	Hex(FF00B8)	Hex(C99A00)	Hex(665C63)	Hex(A60077)	Hex(26001C)
Hex(C90091)		Ratio: 1.53 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(FF00B8)	Ratio: 1.53 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(C99A00)	Ratio: 2.08 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 7.37 Passed ⁶
Hex(665C63)	Ratio: 1.19 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(A60077)	Ratio: 1.35 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(26001C)	Ratio: 3.54 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 7.37 Passed ⁶	Ratio: 2.98 Failed ⁵	Ratio: 2.63 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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