

Converting Colors - WCAG Matrix

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

Hex(CB0732) Hex(FF0038) Hex(0797CB) Hex(665C5E) Hex(A60024) Hex(260008)

	Hex(CB0732)	Hex(FF0038)	Hex(0797CB)	Hex(665C5E)	Hex(A60024)	Hex(260008)
Hex(CB0732)		Ratio: 1.47 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(FF0038)	Ratio: 1.47 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴
Hex(0797CB)	Ratio: 1.74 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴
Hex(665C5E)	Ratio: 1.11 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60024)	Ratio: 1.37 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(260008)	Ratio: 3.33 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 2.44 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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