

Converting Colors - WCAG Matrix

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

Hex(A30070) Hex(D40091) Hex(00A383) Hex(52494F) Hex(910064) Hex(12000C)

	Hex(A30070)	Hex(D40091)	Hex(00A383)	Hex(52494F)	Hex(910064)	Hex(12000C)
Hex(A30070)		Ratio: 1.51 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(D40091)	Ratio: 1.51 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 4.08 AA 18pt ²
Hex(00A383)	Ratio: 2.35 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(52494F)	Ratio: 1.15 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910064)	Ratio: 1.17 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.32 Failed ⁵
Hex(12000C)	Ratio: 2.71 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.32 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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