

Converting Colors - WCAG Matrix

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

Hex(A50892) Hex(D600BC) Hex(A50844) Hex(524951) Hex(910080) Hex(120010)

	Hex(A50892)	Hex(D600BC)	Hex(A50844)	Hex(524951)	Hex(910080)	Hex(120010)
Hex(A50892)		Ratio: 1.50 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(D600BC)	Ratio: 1.50 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 4.44 AA 18pt ²
Hex(A50844)	Ratio: 1.12 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(524951)	Ratio: 1.25 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910080)	Ratio: 1.21 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(120010)	Ratio: 2.95 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.43 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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