

Converting Colors - WCAG Matrix

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

Hex(5800AA) Hex(7300DE) Hex(AA00A7) Hex(504C54) Hex(4D0094) Hex(0B0014)

	Hex(5800AA)	Hex(7300DE)	Hex(AA00A7)	Hex(504C54)	Hex(4D0094)	Hex(0B0014)
Hex(5800AA)		Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(7300DE)	Ratio: 1.40 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(AA00A7)	Ratio: 1.64 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(504C54)	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(4D0094)	Ratio: 1.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.70 Failed ⁵
Hex(0B0014)	Ratio: 1.95 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.44 Failed ⁵	Ratio: 1.70 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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