

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A25C8B) Hex(D466AF) Hex(5CA295) Hex(52494F) Hex(910061) Hex(12000C)

Hex(A25C8B)		Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 4.31 AA 18pt ²
Hex(D466AF)	Ratio: 1.42 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 6.13 AA ¹ AAA 18pt ⁴
Hex(5CA295)	Ratio: 1.59 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(52494F)	Ratio: 1.83 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.91 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910061)	Ratio: 1.87 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.31 Failed ⁵
Hex(12000C)	Ratio: 4.31 AA 18pt ²	Ratio: 6.13 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.31 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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