

Converting Colors - WCAG Matrix

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

Hex(AE5B82) Hex(924269) Hex(772951) Hex(5D0D3A) Hex(430024) Hex(2E000F) Hex(000000)

	Hex(AE5B82)	Hex(924269)	Hex(772951)	Hex(5D0D3A)	Hex(430024)	Hex(2E000F)	Hex(000000)
Hex(AE5B82)		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(924269)	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(772951)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(5D0D3A)	Ratio: 2.92 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(430024)	Ratio: 3.65 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(2E000F)	Ratio: 4.11 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 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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