

Converting Colors - WCAG Matrix

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

Hex(A15E6E) Hex(D16982) Hex(5E90A1) Hex(52494B) Hex(910023) Hex(120004)

	Hex(A15E6E)	Hex(D16982)	Hex(5E90A1)	Hex(52494B)	Hex(910023)	Hex(120004)
Hex(A15E6E)		Ratio: 1.39 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(D16982)	Ratio: 1.39 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(5E90A1)	Ratio: 1.38 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(52494B)	Ratio: 1.80 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910023)	Ratio: 1.95 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(120004)	Ratio: 4.23 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.17 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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