

Converting Colors - WCAG Matrix

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

Hex(A15B76) Hex(D1648E) Hex(5B9AA1) Hex(52494D) Hex(910038) Hex(120007)

	Hex(A15B76)	Hex(D1648E)	Hex(5B9AA1)	Hex(52494D)	Hex(910038)	Hex(120007)
Hex(A15B76)		Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 4.15 AA 18pt ²
Hex(D1648E)	Ratio: 1.39 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴
Hex(5B9AA1)	Ratio: 1.54 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(52494D)	Ratio: 1.77 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910038)	Ratio: 1.89 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.20 Failed ⁵
Hex(120007)	Ratio: 4.15 AA 18pt ²	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 2.20 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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