

Converting Colors - WCAG Matrix

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

Hex(A75AC5) Hex(D159FF) Hex(C55AAE) Hex(615A63) Hex(7500A3) Hex(1A0024)

	Hex(A75AC5)	Hex(D159FF)	Hex(C55AAE)	Hex(615A63)	Hex(7500A3)	Hex(1A0024)
Hex(A75AC5)		Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(D159FF)	Ratio: 1.34 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴
Hex(C55AAE)	Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(615A63)	Ratio: 1.56 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(7500A3)	Ratio: 2.15 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(1A0024)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 2.95 Failed ⁵	Ratio: 2.14 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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