

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B993C7) Hex(EAB0FF) Hex(C793BC) Hex(615A63) Hex(7700A3) Hex(1A0024)

	Hex(B993C7)	Hex(EAB0FF)	Hex(C793BC)	Hex(615A63)	Hex(7700A3)	Hex(1A0024)
Hex(B993C7)		Ratio: 1.51 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 7.54 Passed ⁶
Hex(EAB0FF)	Ratio: 1.51 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 11.36 Passed ⁶
Hex(C793BC)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.64 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 7.79 Passed ⁶
Hex(615A63)	Ratio: 2.56 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.64 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(7700A3)	Ratio: 3.48 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 1.36 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(1A0024)	Ratio: 7.54 Passed ⁶	Ratio: 11.36 Passed ⁶	Ratio: 7.79 Passed ⁶	Ratio: 2.95 Failed ⁵	Ratio: 2.16 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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