

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(BAB9CB) Hex(E4E3FF) Hex(C3B9CB) Hex(5C5C66) Hex(0900A6) Hex(020026)

Hex(BAB9CB)		Ratio: 1.54 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 3.43 AA 18pt²	Ratio: 6.97 AA¹ AAA 18pt⁴	Ratio: 10.57 Passed⁶
Hex(E4E3FF)	Ratio: 1.54 Failed⁵		Ratio: 1.50 Failed⁵	Ratio: 5.26 AA¹ AAA 18pt⁴	Ratio: 10.71 Passed⁶	Ratio: 16.23 Passed⁶
Hex(C3B9CB)	Ratio: 1.02 Failed⁵	Ratio: 1.50 Failed⁵		Ratio: 3.50 AA 18pt²	Ratio: 7.12 Passed⁶	Ratio: 10.79 Passed⁶
Hex(5C5C66)	Ratio: 3.43 AA 18pt²	Ratio: 5.26 AA¹ AAA 18pt⁴	Ratio: 3.50 AA 18pt²		Ratio: 2.03 Failed⁵	Ratio: 3.08 AA 18pt²
Hex(0900A6)	Ratio: 6.97 AA¹ AAA 18pt⁴	Ratio: 10.71 Passed⁶	Ratio: 7.12 Passed⁶	Ratio: 2.03 Failed⁵		Ratio: 1.52 Failed⁵
Hex(020026)	Ratio: 10.57 Passed⁶	Ratio: 16.23 Passed⁶	Ratio: 10.79 Passed⁶	Ratio: 3.08 AA 18pt²	Ratio: 1.52 Failed⁵	

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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