

Converting Colors - WCAG Matrix

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

Hex(BA75BA) Hex(F288F2) Hex(BA7598) Hex(5E555E) Hex(9E009E) Hex(1F001F)

	Hex(BA75BA)	Hex(F288F2)	Hex(BA7598)	Hex(5E555E)	Hex(9E009E)	Hex(1F001F)
Hex(BA75BA)		Ratio: 1.51 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 5.88 AA ¹ AAA 18pt ⁴
Hex(F288F2)	Ratio: 1.51 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 8.89 Passed ⁶
Hex(BA7598)	Ratio: 1.04 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(5E555E)	Ratio: 2.16 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(9E009E)	Ratio: 2.15 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.06 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(1F001F)	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 8.89 Passed ⁶	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 2.72 Failed ⁵	Ratio: 2.73 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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