

Converting Colors - WCAG Matrix

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

Hex(AB80AF) Hex(DD9AE3) Hex(AF809C) Hex(564E57) Hex(8A0096) Hex(150017)

	Hex(AB80AF)	Hex(DD9AE3)	Hex(AF809C)	Hex(564E57)	Hex(8A0096)	Hex(150017)
Hex(AB80AF)		Ratio: 1.52 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(DD9AE3)	Ratio: 1.52 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 3.89 AA 18pt ²	Ratio: 9.39 Passed ⁶
Hex(AF809C)	Ratio: 1.01 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴
Hex(564E57)	Ratio: 2.45 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(8A0096)	Ratio: 2.55 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(150017)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 9.39 Passed ⁶	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 2.41 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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