

Converting Colors - WCAG Matrix

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

Hex(AE61DD) Hex(A64BDD) Hex(9D35DD) Hex(951EDD) Hex(8C08DD) Hex(8900DD)

	Hex(AE61DD)	Hex(A64BDD)	Hex(9D35DD)	Hex(951EDD)	Hex(8C08DD)	Hex(8900DD)
Hex(AE61DD)		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(A64BDD)	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(9D35DD)	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(951EDD)	Ratio: 1.58 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(8C08DD)	Ratio: 1.74 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(8900DD)	Ratio: 1.79 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.03 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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