

Converting Colors - WCAG Matrix

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

Hex(D162A5) Hex(FF5CBE) Hex(D1626D) Hex(695E64) Hex(A80065) Hex(290018)

	Hex(D162A5)	Hex(FF5CBE)	Hex(D1626D)	Hex(695E64)	Hex(A80065)	Hex(290018)
Hex(D162A5)		Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴
Hex(FF5CBE)	Ratio: 1.25 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 6.80 AA ¹ AAA 18pt ⁴
Hex(D1626D)	Ratio: 1.06 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(695E64)	Ratio: 1.77 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(A80065)	Ratio: 2.10 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(290018)	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²	Ratio: 2.58 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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