

Converting Colors - WCAG Matrix

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

Hex(DB67B2) Hex(FF5CC4) Hex(DBCA67) Hex(6E636A) Hex(AD006F) Hex(2E001D)

	Hex(DB67B2)	Hex(FF5CC4)	Hex(DBCA67)	Hex(6E636A)	Hex(AD006F)	Hex(2E001D)
Hex(DB67B2)		Ratio: 1.15 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 5.82 AA ¹ AAA 18pt ⁴
Hex(FF5CC4)	Ratio: 1.15 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 6.68 AA ¹ AAA 18pt ⁴
Hex(DBCA67)	Ratio: 1.92 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.46 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 11.16 Passed ⁶
Hex(6E636A)	Ratio: 1.80 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 3.46 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(AD006F)	Ratio: 2.19 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(2E001D)	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 6.68 AA ¹ AAA 18pt ⁴	Ratio: 11.16 Passed ⁶	Ratio: 3.22 AA 18pt ²	Ratio: 2.65 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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