

Converting Colors - WCAG Matrix

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

Hex(DB66B9) Hex(FF5CD0) Hex(7FDB66) Hex(6E636A) Hex(AD007B) Hex(2E0021)

	Hex(DB66B9)	Hex(FF5CD0)	Hex(7FDB66)	Hex(6E636A)	Hex(AD007B)	Hex(2E0021)
Hex(DB66B9)		Ratio: 1.16 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(FF5CD0)	Ratio: 1.16 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(7FDB66)	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 10.74 Passed ⁶
Hex(6E636A)	Ratio: 1.81 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 3.34 AA 18pt ²		Ratio: 1.19 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(AD007B)	Ratio: 2.16 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(2E0021)	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 10.74 Passed ⁶	Ratio: 3.21 AA 18pt ²	Ratio: 2.69 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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