

Converting Colors - WCAG Matrix

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

Hex(D600AB) Hex(FF00CC) Hex(D60040) Hex(6B6169) Hex(AB0087) Hex(2B0024)

	Hex(D600AB)	Hex(FF00CC)	Hex(D60040)	Hex(6B6169)	Hex(AB0087)	Hex(2B0024)
Hex(D600AB)		Ratio: 1.38 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(FF00CC)	Ratio: 1.38 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(D60040)	Ratio: 1.13 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(6B6169)	Ratio: 1.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0087)	Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.73 Failed ⁵
Hex(2B0024)	Ratio: 3.94 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 2.73 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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