

Converting Colors - WCAG Matrix

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

Hex(D50BAD) Hex(FF00CC) Hex(4BD50B) Hex(6B6069) Hex(AB0089) Hex(2B0023)

	Hex(D50BAD)	Hex(FF00CC)	Hex(4BD50B)	Hex(6B6069)	Hex(AB0089)	Hex(2B0023)
Hex(D50BAD)		Ratio: 1.37 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(FF00CC)	Ratio: 1.37 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(4BD50B)	Ratio: 2.42 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 3.09 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 9.60 Passed ⁶
Hex(6B6069)	Ratio: 1.28 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 3.09 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(AB0089)	Ratio: 1.45 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(2B0023)	Ratio: 3.98 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 9.60 Passed ⁶	Ratio: 3.11 AA 18pt ²	Ratio: 2.74 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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