

Converting Colors - WCAG Matrix

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

Hex(D6BDD6) Hex(FFDBFF) Hex(BDD6C9) Hex(6B616B) Hex(AB00AB) Hex(2B002B)

	Hex(D6BDD6)	Hex(FFDBFF)	Hex(BDD6C9)	Hex(6B616B)	Hex(AB00AB)	Hex(2B002B)
Hex(D6BDD6)		Ratio: 1.39 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 10.64 Passed ⁶
Hex(FFDBFF)	Ratio: 1.39 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 14.79 Passed ⁶
Hex(BDD6C9)	Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.84 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 11.98 Passed ⁶
Hex(6B616B)	Ratio: 3.41 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(AB00AB)	Ratio: 3.65 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(2B002B)	Ratio: 10.64 Passed ⁶	Ratio: 14.79 Passed ⁶	Ratio: 11.98 Passed ⁶	Ratio: 3.12 AA 18pt ²	Ratio: 2.92 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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