

Converting Colors - WCAG Matrix

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

Hex(D6BED8) Hex(FCDBFF) Hex(D8BECD) Hex(6A606B) Hex(9E00AB) Hex(28002B)

	Hex(D6BED8)	Hex(FCDBFF)	Hex(D8BECD)	Hex(6A606B)	Hex(9E00AB)	Hex(28002B)
Hex(D6BED8)		Ratio: 1.37 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 10.86 Passed ⁶
Hex(FCDBFF)	Ratio: 1.37 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 14.86 Passed ⁶
Hex(D8BECD)	Ratio: 1.00 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 10.81 Passed ⁶
Hex(6A606B)	Ratio: 3.49 AA 18pt ²	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(9E00AB)	Ratio: 4.02 AA 18pt ²	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 4.00 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(28002B)	Ratio: 10.86 Passed ⁶	Ratio: 14.86 Passed ⁶	Ratio: 10.81 Passed ⁶	Ratio: 3.11 AA 18pt ²	Ratio: 2.70 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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