

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D6D4D8) Hex(FCFAFF) Hex(D8D4D8) Hex(6A696B) Hex(5500AB) Hex(16002B)

Hex(D6D4D8)	Ratio: 1.42 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 7.23 Passed ⁶	Ratio: 13.35 Passed ⁶
Hex(FCFAFF)	Ratio: 1.42 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 10.26 Passed ⁶
Hex(D8D4D8)	Ratio: 1.00 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 7.26 Passed ⁶
Hex(6A696B)	Ratio: 3.71 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.73 AA 18pt ²		Ratio: 1.95 Failed ⁵
Hex(5500AB)	Ratio: 7.23 Passed ⁶	Ratio: 10.26 Passed ⁶	Ratio: 7.26 Passed ⁶	Ratio: 1.95 Failed ⁵	
Hex(16002B)	Ratio: 13.35 Passed ⁶	Ratio: 18.95 Passed ⁶	Ratio: 13.40 Passed ⁶	Ratio: 3.60 AA 18pt ²	Ratio: 1.85 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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