

Converting Colors - WCAG Matrix

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

Hex(CEC3D5) Hex(F5E6FF) Hex(D5C3D3) Hex(67606B) Hex(6800AB) Hex(1A002B)

	Hex(CEC3D5)	Hex(F5E6FF)	Hex(D5C3D3)	Hex(67606B)	Hex(6800AB)	Hex(1A002B)
Hex(CEC3D5)		Ratio: 1.42 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 11.49 Passed ⁶
Hex(F5E6FF)	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 8.11 Passed ⁶	Ratio: 16.36 Passed ⁶
Hex(D5C3D3)	Ratio: 1.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 11.66 Passed ⁶
Hex(67606B)	Ratio: 3.58 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²		Ratio: 1.59 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(6800AB)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 8.11 Passed ⁶	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(1A002B)	Ratio: 11.49 Passed ⁶	Ratio: 16.36 Passed ⁶	Ratio: 11.66 Passed ⁶	Ratio: 3.21 AA 18pt ²	Ratio: 2.02 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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