

Converting Colors - WCAG Matrix

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

Hex(ACA9B6) Hex(DDD8ED) Hex(B2A9B6) Hex(55535C) Hex(24009C) Hex(07001C)

	Hex(ACA9B6)	Hex(DDD8ED)	Hex(B2A9B6)	Hex(55535C)	Hex(24009C)	Hex(07001C)
Hex(ACA9B6)		Ratio: 1.66 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 8.88 Passed ⁶
Hex(DDD8ED)	Ratio: 1.66 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 9.72 Passed ⁶	Ratio: 14.74 Passed ⁶
Hex(B2A9B6)	Ratio: 1.02 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 9.01 Passed ⁶
Hex(55535C)	Ratio: 3.28 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(24009C)	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 9.72 Passed ⁶	Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.79 Failed ⁵		Ratio: 1.52 Failed ⁵
Hex(07001C)	Ratio: 8.88 Passed ⁶	Ratio: 14.74 Passed ⁶	Ratio: 9.01 Passed ⁶	Ratio: 2.71 Failed ⁵	Ratio: 1.52 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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