

Converting Colors - WCAG Matrix

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

Hex(A9A8AB) Hex(DAD9DE) Hex(AAA8AB) Hex(555557) Hex(180096) Hex(040017)

	Hex(A9A8AB)	Hex(DAD9DE)	Hex(AAA8AB)	Hex(555557)	Hex(180096)	Hex(040017)
Hex(A9A8AB)		Ratio: 1.69 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 8.72 Passed ⁶
Hex(DAD9DE)	Ratio: 1.69 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 10.11 Passed ⁶	Ratio: 14.70 Passed ⁶
Hex(AAA8AB)	Ratio: 1.00 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 8.74 Passed ⁶
Hex(555557)	Ratio: 3.14 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²		Ratio: 1.91 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(180096)	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 10.11 Passed ⁶	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵		Ratio: 1.45 Failed ⁵
Hex(040017)	Ratio: 8.72 Passed ⁶	Ratio: 14.70 Passed ⁶	Ratio: 8.74 Passed ⁶	Ratio: 2.77 Failed ⁵	Ratio: 1.45 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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