

Converting Colors - WCAG Matrix

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

Hex(AFA9B2) Hex(E3DAE8) Hex(B2A9B1) Hex(575359) Hex(660099) Hex(11001A)

	Hex(AFA9B2)	Hex(E3DAE8)	Hex(B2A9B1)	Hex(575359)	Hex(660099)	Hex(11001A)
Hex(AFA9B2)		Ratio: 1.69 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 8.80 Passed ⁶
Hex(E3DAE8)	Ratio: 1.69 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 7.63 Passed ⁶	Ratio: 14.88 Passed ⁶
Hex(B2A9B1)	Ratio: 1.01 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 8.86 Passed ⁶
Hex(575359)	Ratio: 3.28 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(660099)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 7.63 Passed ⁶	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.38 Failed ⁵		Ratio: 1.95 Failed ⁵
Hex(11001A)	Ratio: 8.80 Passed ⁶	Ratio: 14.88 Passed ⁶	Ratio: 8.86 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 1.95 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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