

Converting Colors - WCAG Matrix

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

Hex(A09095) Hex(D1B8BE) Hex(A09490) Hex(4F4749) Hex(8F0025) Hex(0F0004)

Hex(A09095)		Ratio: 1.63 Failed⁵	Ratio: 1.03 Failed⁵	Ratio: 2.97 Failed⁵	Ratio: 3.15 AA 18pt²	Ratio: 6.77 AA¹ AAA 18pt⁴
Hex(D1B8BE)	Ratio: 1.63 Failed⁵		Ratio: 1.59 Failed⁵	Ratio: 4.85 AA¹ AAA 18pt⁴	Ratio: 5.15 AA¹ AAA 18pt⁴	Ratio: 11.07 Passed⁶
Hex(A09490)	Ratio: 1.03 Failed⁵	Ratio: 1.59 Failed⁵		Ratio: 3.06 AA 18pt²	Ratio: 3.25 AA 18pt²	Ratio: 6.98 AA¹ AAA 18pt⁴
Hex(4F4749)	Ratio: 2.97 Failed⁵	Ratio: 4.85 AA¹ AAA 18pt⁴	Ratio: 3.06 AA 18pt²		Ratio: 1.06 Failed⁵	Ratio: 2.28 Failed⁵
Hex(8F0025)	Ratio: 3.15 AA 18pt²	Ratio: 5.15 AA¹ AAA 18pt⁴	Ratio: 3.25 AA 18pt²	Ratio: 1.06 Failed⁵		Ratio: 2.15 Failed⁵
Hex(0F0004)	Ratio: 6.77 AA¹ AAA 18pt⁴	Ratio: 11.07 Passed⁶	Ratio: 6.98 AA¹ AAA 18pt⁴	Ratio: 2.28 Failed⁵	Ratio: 2.15 Failed⁵	

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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