

Converting Colors - WCAG Matrix

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

Hex(A67C74) Hex(D9C8C5) Hex(A6749D) Hex(6E6462) Hex(EDEDED) Hex(6E6E6E)

	Hex(A67C74)	Hex(D9C8C5)	Hex(A6749D)	Hex(6E6462)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A67C74)		Ratio: 2.26 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.40 Failed ⁵
Hex(D9C8C5)	Ratio: 2.26 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(A6749D)	Ratio: 1.03 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(6E6462)	Ratio: 1.57 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.53 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(EDEDED)	Ratio: 3.12 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.40 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.36 AA 18pt ²	

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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