

Converting Colors - WCAG Matrix

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

Hex(A6A2A0) Hex(D9D7D7) Hex(A6A0A5) Hex(6E6D6D) Hex(EDEDED) Hex(6E6E6E)

	Hex(A6A2A0)	Hex(D9D7D7)	Hex(A6A0A5)	Hex(6E6D6D)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A6A2A0)		Ratio: 1.77 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(D9D7D7)	Ratio: 1.77 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(A6A0A5)	Ratio: 1.01 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(6E6D6D)	Ratio: 2.04 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.01 Failed ⁵		Ratio: 4.41 AA 18pt ²	Ratio: 1.01 Failed ⁵
Hex(EDEDED)	Ratio: 2.16 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 4.41 AA 18pt ²		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 2.01 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.01 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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