

Converting Colors - WCAG Matrix

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

Hex(A8A5A6) Hex(DBD9DA) Hex(A7A5A8) Hex(6E6D6D) Hex(EDEDED) Hex(6E6E6E)

Hex(A8A5A6)		Ratio: 1.74 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(DBD9DA)	Ratio: 1.74 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(A7A5A8)	Ratio: 1.00 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(6E6D6D)	Ratio: 2.11 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.11 Failed ⁵		Ratio: 4.41 AA 18pt ²
Hex(EDEDED)	Ratio: 2.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 4.41 AA 18pt ²	
Hex(6E6E6E)	Ratio: 2.09 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.09 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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