

Converting Colors - WCAG Matrix

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

Hex(A9A5A5) Hex(DBD9D9) Hex(A9A5A9) Hex(6E6D6D) Hex(EDEDED) Hex(6E6E6E)

	Hex(A9A5A5)	Hex(DBD9D9)	Hex(A9A5A9)	Hex(6E6D6D)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A9A5A5)		Ratio: 1.73 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(DBD9D9)	Ratio: 1.73 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(A9A5A9)	Ratio: 1.00 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(6E6D6D)	Ratio: 2.12 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 4.41 AA 18pt ²	Ratio: 1.01 Failed ⁵
Hex(EDEDED)	Ratio: 2.08 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 4.41 AA 18pt ²		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 2.09 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.10 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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