

Converting Colors - WCAG Matrix

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

Hex(A9427B) Hex(DBB4CA) Hex(6F42A9) Hex(6E5663) Hex(EDEDED) Hex(6E6E6E)

	Hex(A9427B)	Hex(DBB4CA)	Hex(6F42A9)	Hex(6E5663)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A9427B)		Ratio: 3.04 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(DBB4CA)	Ratio: 3.04 AA 18pt ²		Ratio: 3.76 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 2.77 Failed ⁵
Hex(6F42A9)	Ratio: 1.24 Failed ⁵	Ratio: 3.76 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(6E5663)	Ratio: 1.18 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(EDEDED)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 5.65 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.10 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.30 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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