

Converting Colors - WCAG Matrix

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

Hex(A65A8C) Hex(D9BACF) Hex(735AA6) Hex(6E5B67) Hex(EDEDED) Hex(6E6E6E)

	Hex(A65A8C)	Hex(D9BACF)	Hex(735AA6)	Hex(6E5B67)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A65A8C)		Ratio: 2.66 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(D9BACF)	Ratio: 2.66 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 3.54 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(735AA6)	Ratio: 1.19 Failed ⁵	Ratio: 3.17 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(6E5B67)	Ratio: 1.33 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(EDEDED)	Ratio: 4.02 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 5.35 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.08 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.23 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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