

Converting Colors - WCAG Matrix

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

Hex(A843A8) Hex(DBB4DB) Hex(4343A8) Hex(6E566E) Hex(EDEDED) Hex(6E6E6E)

	Hex(A843A8)	Hex(DBB4DB)	Hex(4343A8)	Hex(6E566E)	Hex(EDEDED)	Hex(6E6E6E)
Hex(A843A8)		Ratio: 2.87 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(DBB4DB)	Ratio: 2.87 Failed ⁵		Ratio: 4.44 AA 18pt ²	Ratio: 3.59 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(4343A8)	Ratio: 1.55 Failed ⁵	Ratio: 4.44 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵
Hex(6E566E)	Ratio: 1.25 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(EDEDED)	Ratio: 4.45 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 5.57 AA ¹ AAA 18pt ⁴		Ratio: 4.36 AA 18pt ²
Hex(6E6E6E)	Ratio: 1.02 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.28 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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