

Converting Colors - WCAG Matrix

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

Hex(BA5DA6) Hex(F2CEEA) Hex(715DBA) Hex(7A6476) Hex(FAFAFA) Hex(7A7A7A)

	Hex(BA5DA6)	Hex(F2CEEA)	Hex(715DBA)	Hex(7A6476)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(BA5DA6)		Ratio: 2.84 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(F2CEEA)	Ratio: 2.84 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(715DBA)	Ratio: 1.31 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.02 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(7A6476)	Ratio: 1.33 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.02 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(FAFAFA)	Ratio: 3.87 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.06 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 4.11 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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