

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(B492BB) Hex(EFE1F2) Hex(929ABB) Hex(79717A) Hex(FAFAFA) Hex(7A7A7A)

	Hex(B492BB)	Hex(EFE1F2)	Hex(929ABB)	Hex(79717A)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(B492BB)		Ratio: 2.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(EFE1F2)	Ratio: 2.15 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(929ABB)	Ratio: 1.03 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(79717A)	Ratio: 1.74 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.70 Failed ⁵		Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(FAFAFA)	Ratio: 2.59 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.59 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 1.10 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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