

Converting Colors - WCAG Matrix

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

Hex(7D91C1) Hex(DEE6FA) Hex(7DC1AD) Hex(6D717D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(7D91C1)	Hex(DEE6FA)	Hex(7DC1AD)	Hex(6D717D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(7D91C1)		Ratio: 2.51 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(DEE6FA)	Ratio: 2.51 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(7DC1AD)	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(6D717D)	Ratio: 1.55 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.35 Failed ⁵		Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(FCFCFC)	Ratio: 3.06 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.31 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.01 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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