

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(7D34C0) Hex(E0C3FA) Hex(3478C0) Hex(6D5C7D) Hex(FCFCFC) Hex(7D7D7D)

Hex(7D34C0)		Ratio: 4.27 AA 18pt²	Ratio: 1.47 Failed⁵	Ratio: 1.11 Failed⁵	Ratio: 6.55 AA¹ AAA 18pt⁴	Ratio: 1.63 Failed⁵
Hex(E0C3FA)	Ratio: 4.27 AA 18pt²		Ratio: 2.91 Failed⁵	Ratio: 3.84 AA 18pt²	Ratio: 1.53 Failed⁵	Ratio: 2.62 Failed⁵
Hex(3478C0)	Ratio: 1.47 Failed⁵	Ratio: 2.91 Failed⁵		Ratio: 1.32 Failed⁵	Ratio: 4.46 AA 18pt²	Ratio: 1.11 Failed⁵
Hex(6D5C7D)	Ratio: 1.11 Failed⁵	Ratio: 3.84 AA 18pt²	Ratio: 1.32 Failed⁵		Ratio: 5.89 AA¹ AAA 18pt⁴	Ratio: 1.47 Failed⁵
Hex(FCFCFC)	Ratio: 6.55 AA¹ AAA 18pt⁴	Ratio: 1.53 Failed⁵	Ratio: 4.46 AA 18pt²	Ratio: 5.89 AA¹ AAA 18pt⁴		Ratio: 4.01 AA 18pt²
Hex(7D7D7D)	Ratio: 1.63 Failed⁵	Ratio: 2.62 Failed⁵	Ratio: 1.11 Failed⁵	Ratio: 1.47 Failed⁵	Ratio: 4.01 AA 18pt²	

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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