

Converting Colors - WCAG Matrix

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

Hex(A38FD6) Hex(EDE6FF) Hex(8FC2D6) Hex(757080) Hex(FFFFFF) Hex(808080)

	Hex(A38FD6)	Hex(EDE6FF)	Hex(8FC2D6)	Hex(757080)	Hex(FFFFFF)	Hex(808080)
Hex(A38FD6)		Ratio: 2.33 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(EDE6FF)	Ratio: 2.33 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(8FC2D6)	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(757080)	Ratio: 1.70 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(FFFFFF)	Ratio: 2.82 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 1.40 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.95 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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