

Converting Colors - WCAG Matrix

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

Hex(EDA6DF) Hex(FFE8FA) Hex(B3A6ED) Hex(80717D) Hex(000000) Hex(808080)

	Hex(EDA6DF)	Hex(FFE8FA)	Hex(B3A6ED)	Hex(80717D)	Hex(000000)	Hex(808080)
Hex(EDA6DF)		Ratio: 1.63 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 11.12 Passed ⁶	Ratio: 2.09 Failed ⁵
Hex(FFE8FA)	Ratio: 1.63 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 18.18 Passed ⁶	Ratio: 3.42 AA 18pt ²
Hex(B3A6ED)	Ratio: 1.16 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 9.59 Passed ⁶	Ratio: 1.80 Failed ⁵
Hex(80717D)	Ratio: 2.43 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.10 Failed ⁵		Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 11.12 Passed ⁶	Ratio: 18.18 Passed ⁶	Ratio: 9.59 Passed ⁶	Ratio: 4.58 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.09 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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