

Converting Colors - WCAG Matrix

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

Hex(B483B7) Hex(ECD8ED) Hex(8386B7) Hex(776B78) Hex(F7F7F7) Hex(787878)

	Hex(B483B7)	Hex(ECD8ED)	Hex(8386B7)	Hex(776B78)	Hex(F7F7F7)	Hex(787878)
Hex(B483B7)		Ratio: 2.27 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(ECD8ED)	Ratio: 2.27 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(8386B7)	Ratio: 1.13 Failed ⁵	Ratio: 2.58 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(776B78)	Ratio: 1.65 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.46 Failed ⁵		Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(F7F7F7)	Ratio: 2.85 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.44 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.12 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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