

Converting Colors - WCAG Matrix

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

Hex(B58AB8) Hex(EEDDF0) Hex(8A8DB8) Hex(776C78) Hex(F7F7F7) Hex(787878)

	Hex(B58AB8)	Hex(EEDDF0)	Hex(8A8DB8)	Hex(776C78)	Hex(F7F7F7)	Hex(787878)
Hex(B58AB8)		Ratio: 2.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(EEDDF0)	Ratio: 2.23 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(8A8DB8)	Ratio: 1.11 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(776C78)	Ratio: 1.74 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 1.57 Failed ⁵		Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(F7F7F7)	Ratio: 2.69 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.53 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 1.13 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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