

Converting Colors - WCAG Matrix

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

Hex(895BB6) Hex(DCCAED) Hex(5B89B6) Hex(6D6278) Hex(F7F7F7) Hex(787878)

	Hex(895BB6)	Hex(DCCAED)	Hex(5B89B6)	Hex(6D6278)	Hex(F7F7F7)	Hex(787878)
Hex(895BB6)		Ratio: 3.24 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(DCCAED)	Ratio: 3.24 AA 18pt ²		Ratio: 2.41 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(5B89B6)	Ratio: 1.35 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(6D6278)	Ratio: 1.15 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 1.55 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(F7F7F7)	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.43 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.12 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 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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