

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(899EB0) Hex(D5DEE6) Hex(89B09B) Hex(6A6F73) Hex(F2F2F2) Hex(737373)

	Hex(899EB0)	Hex(D5DEE6)	Hex(89B09B)	Hex(6A6F73)	Hex(F2F2F2)	Hex(737373)
Hex(899EB0)		Ratio: 2.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(D5DEE6)	Ratio: 2.03 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.22 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(89B09B)	Ratio: 1.15 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(6A6F73)	Ratio: 1.83 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(F2F2F2)	Ratio: 2.47 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.71 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.24 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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