

Converting Colors - WCAG Matrix

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

Hex(6A9DAB) Hex(C5D9DE) Hex(6AAB77) Hex(626D70) Hex(F0F0F0) Hex(707070)

	Hex(6A9DAB)	Hex(C5D9DE)	Hex(6AAB77)	Hex(626D70)	Hex(F0F0F0)	Hex(707070)
Hex(6A9DAB)		Ratio: 2.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(C5D9DE)	Ratio: 2.04 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(6AAB77)	Ratio: 1.10 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(626D70)	Ratio: 1.78 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(F0F0F0)	Ratio: 2.62 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.66 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.35 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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