

Converting Colors - WCAG Matrix

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

Hex(6EAA9D) Hex(C5DED9) Hex(7BAA6E) Hex(62706D) Hex(F0F0F0) Hex(707070)

	Hex(6EAA9D)	Hex(C5DED9)	Hex(7BAA6E)	Hex(62706D)	Hex(F0F0F0)	Hex(707070)
Hex(6EAA9D)		Ratio: 1.88 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(C5DED9)	Ratio: 1.88 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(7BAA6E)	Ratio: 1.01 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(62706D)	Ratio: 1.95 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(F0F0F0)	Ratio: 2.33 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.86 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.05 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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