

Converting Colors - WCAG Matrix

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

Hex(7BA1AB) Hex(CCDADE) Hex(7BAB85) Hex(656E70) Hex(F0F0F0) Hex(707070)

	Hex(7BA1AB)	Hex(CCDADE)	Hex(7BAB85)	Hex(656E70)	Hex(F0F0F0)	Hex(707070)
Hex(7BA1AB)		Ratio: 1.95 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(CCDADE)	Ratio: 1.95 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(7BAB85)	Ratio: 1.06 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(656E70)	Ratio: 1.87 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(F0F0F0)	Ratio: 2.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴		Ratio: 4.35 AA 18pt ²
Hex(707070)	Ratio: 1.78 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 1.06 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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