

Converting Colors - WCAG Matrix

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

Hex(4F7067) Hex(FFFFFF) Hex(81A49A) Hex(9BBFB5) Hex(B7DBD0) Hex(D2F7ED) Hex(EFFFFFF)

	Hex(4F7067)	Hex(FFFFFF)	Hex(81A49A)	Hex(9BBFB5)	Hex(B7DBD0)	Hex(D2F7ED)	Hex(EFFFFFF)
Hex(4F7067)		Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 5.31 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.46 AA ¹ AAA 18pt ⁴		Ratio: 2.72 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(81A49A)	Ratio: 2.00 Failed ⁵	Ratio: 2.72 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(9BBFB5)	Ratio: 2.73 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(B7DBD0)	Ratio: 3.65 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(D2F7ED)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(EFFFFFF)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 Failed ⁵	

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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