

Converting Colors - WCAG Matrix

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

	Hex(659971)	Hex(7FB48B)	Hex(99D0A5)	Hex(B5ECC0)	Hex(D1FFDC)	Hex(EDFFF9)	Hex(FFFFFF)
Hex(659971)		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 3.31 AA 18pt ²
Hex(7FB48B)	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(99D0A5)	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(B5ECC0)	Ratio: 2.48 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(D1FFDC)	Ratio: 3.00 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(EDFFF9)	Ratio: 3.19 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.31 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 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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