

Converting Colors - WCAG Matrix

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

	Hex(4F6039)	Hex(FFFFFF)	Hex(819368)	Hex(9BAD82)	Hex(B6C99C)	Hex(D2E5B7)	Hex(EFFFD3)	Hex(FFFDEF)
Hex(4F6039)		Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.85 AA ¹ AAA 18pt ⁴		Ratio: 3.33 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(819368)	Ratio: 2.06 Failed ⁵	Ratio: 3.33 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.30 AA 18pt ²
Hex(9BAD82)	Ratio: 2.84 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(B6C99C)	Ratio: 3.86 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(D2E5B7)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(EFFFD3)	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFDEF)	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 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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