

Converting Colors - WCAG Matrix

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

	Hex(888CAF)	Hex(999CAF)	Hex(ABABAF)	Hex(BCBBAF)	Hex(CECBABF)	Hex(DFDAAF)	Hex(F1EAAF)	Hex(FFFAAF)	Hex(FFFFAF)
Hex(888CAF)		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.14 AA 18pt ²
Hex(999CAF)	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(ABABAF)	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(BCBBAF)	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(CECBABF)	Ratio: 1.99 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(DFDAAF)	Ratio: 2.30 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(F1EAAF)	Ratio: 2.67 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FFFAAF)	Ratio: 3.05 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(FFFFAF)	Ratio: 3.14 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.03 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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