

Converting Colors - WCAG Matrix

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

	Hex(A19AA4)	Hex(A6AAA4)	Hex(ABBBA4)	Hex(B0CBA4)	Hex(B5DCA4)	Hex(BAECA4)	Hex(BFFCA4)	Hex(C3FFA4)	Hex(C8FFA4)	Hex(CDFFA4)
Hex(A19AA4)		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(A6AAA4)	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(ABBBA4)	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(B0CBA4)	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(B5DCA4)	Ratio: 1.79 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(BAECA4)	Ratio: 2.04 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(BFFCA4)	Ratio: 2.30 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(C3FFA4)	Ratio: 2.37 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(C8FFA4)	Ratio: 2.38 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(CDFFA4)	Ratio: 2.40 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 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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