

Converting Colors - WCAG Matrix

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

	Hex(9E9CA3)	Hex(A8ABA3)	Hex(B5BDA3)	Hex(BFCCA3)	Hex(C9DEA3)	Hex(D6EDA3)	Hex(DEFCA3)	Hex(EBFFA3)	Hex(F5FFA3)	Hex(FFFA3)
Hex(9E9CA3)		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(A8ABA3)	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(B5BDA3)	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(BFCCA3)	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(C9DEA3)	Ratio: 1.87 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(D6EDA3)	Ratio: 2.13 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(DEFCA3)	Ratio: 2.40 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(EBFFA3)	Ratio: 2.50 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(F5FFA3)	Ratio: 2.55 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFA3)	Ratio: 2.60 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 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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