

Converting Colors - WCAG Matrix

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

	Hex(9C86BF)	Hex(A899BF)	Hex(B3ACBF)	Hex(BFBFBF)	Hex(CBD2BF)	Hex(D7E6BF)	Hex(E2F9BF)	Hex(EFFBFB)	Hex(FAFFBF)	Hex(FFFFBF)
Hex(9C86BF)		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.09 AA 18pt ²
Hex(A899BF)	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(B3ACBF)	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(BFBFBF)	Ratio: 1.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(CBD2BF)	Ratio: 2.05 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(D7E6BF)	Ratio: 2.43 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(E2F9BF)	Ratio: 2.82 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(EFFBFB)	Ratio: 2.99 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FAFFBF)	Ratio: 3.06 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFBF)	Ratio: 3.09 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.03 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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