

Converting Colors - WCAG Matrix

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

	Hex(B59996)	Hex(B5ABA8)	Hex(B5BABA)	Hex(B5CCCC)	Hex(B5DBDE)	Hex(B5EDF2)	Hex(B5FCFF)	Hex(B5FFFF)
Hex(B59996)		Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(B5ABA8)	Ratio: 1.18 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(B5BABA)	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(B5CCCC)	Ratio: 1.57 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(B5DBDE)	Ratio: 1.78 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(B5EDF2)	Ratio: 2.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(B5FCFF)	Ratio: 2.30 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(B5FFFF)	Ratio: 2.35 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 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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