

Converting Colors - WCAG Matrix

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

	Hex(B9ACAE)	Hex(B99A9E)	Hex(B9878F)	Hex(B9757F)	Hex(B9626F)	Hex(B95060)	Hex(B93D50)	Hex(B92B40)	Hex(B91831)	Hex(B90621)
Hex(B9ACAE)		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(B99A9E)	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(B9878F)	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(B9757F)	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(B9626F)	Ratio: 1.90 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(B95060)	Ratio: 2.19 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(B93D50)	Ratio: 2.49 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(B92B40)	Ratio: 2.75 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(B91831)	Ratio: 2.96 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(B90621)	Ratio: 3.08 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 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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