

Converting Colors - WCAG Matrix

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

	Hex(B90F0D)	Hex(B92120)	Hex(B93432)	Hex(B94645)	Hex(B95857)	Hex(B96B6A)	Hex(B97D7C)	Hex(B98F8F)	Hex(B9A1A1)	Hex(B9B4B4)
Hex(B90F0D)		Ratio: 1.05 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(B92120)	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(B93432)	Ratio: 1.15 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(B94645)	Ratio: 1.28 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(B95857)	Ratio: 1.47 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(B96B6A)	Ratio: 1.71 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(B97D7C)	Ratio: 2.00 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(B98F8F)	Ratio: 2.36 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(B9A1A1)	Ratio: 2.77 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(B9B4B4)	Ratio: 3.27 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 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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