

Converting Colors - WCAG Matrix

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

	Hex(B54A64)	Hex(B55C72)	Hex(B56E7F)	Hex(B5808D)	Hex(B5929B)	Hex(B5A5A9)	Hex(B5B7B6)	Hex(B5C9C4)	Hex(B5DBD2)	Hex(B5EDDF)
Hex(B54A64)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.91 AA 18pt ²
Hex(B55C72)	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(B56E7F)	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(B5808D)	Ratio: 1.56 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(B5929B)	Ratio: 1.83 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(B5A5A9)	Ratio: 2.16 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(B5B7B6)	Ratio: 2.52 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(B5C9C4)	Ratio: 2.94 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(B5DBD2)	Ratio: 3.40 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(B5EDDF)	Ratio: 3.91 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 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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