

Converting Colors - WCAG Matrix

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

	Hex(B13A6B)	Hex(B14C75)	Hex(B15D80)	Hex(B16F8A)	Hex(B18195)	Hex(B1939F)	Hex(B1A4A9)	Hex(B1B6B4)	Hex(B1C8BE)	Hex(B1D9C9)
Hex(B13A6B)		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.70 AA 18pt ²
Hex(B14C75)	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(B15D80)	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(B16F8A)	Ratio: 1.49 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(B18195)	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(B1939F)	Ratio: 2.05 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(B1A4A9)	Ratio: 2.37 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(B1B6B4)	Ratio: 2.77 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(B1C8BE)	Ratio: 3.22 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(B1D9C9)	Ratio: 3.70 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.56 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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