

Converting Colors - WCAG Matrix

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

	Hex(B64E53)	Hex(B66064)	Hex(B67276)	Hex(B68587)	Hex(B69798)	Hex(B6A9AA)	Hex(B6BBBB)	Hex(B6CDCC)	Hex(B6E0DE)	Hex(B6F2EF)
Hex(B64E53)		Ratio: 1.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 4.03 AA 18pt ²
Hex(B66064)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.49 AA 18pt ²
Hex(B67276)	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(B68587)	Ratio: 1.59 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(B69798)	Ratio: 1.87 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(B6A9AA)	Ratio: 2.20 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(B6BBBB)	Ratio: 2.57 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(B6CDCC)	Ratio: 3.00 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(B6E0DE)	Ratio: 3.50 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(B6F2EF)	Ratio: 4.03 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 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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