

Converting Colors - WCAG Matrix

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

	Hex(B53B61)	Hex(B54D6D)	Hex(B5607A)	Hex(B57286)	Hex(B58493)	Hex(B5969F)	Hex(B5A8AC)	Hex(B5BAB8)	Hex(B5CCC5)	Hex(B5DED2)
Hex(B53B61)		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.81 AA 18pt ²
Hex(B54D6D)	Ratio: 1.13 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(B5607A)	Ratio: 1.31 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(B57286)	Ratio: 1.52 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(B58493)	Ratio: 1.78 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(B5969F)	Ratio: 2.08 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 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(B5A8AC)	Ratio: 2.43 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(B5BAB8)	Ratio: 2.84 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(B5CCC5)	Ratio: 3.30 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(B5DED2)	Ratio: 3.81 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 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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