

Converting Colors - WCAG Matrix

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

	Hex(BB6E8A)	Hex(BB8196)	Hex(BB93A2)	Hex(BBA6AE)	Hex(BBB9BA)	Hex(BBCCC5)	Hex(BBDED1)	Hex(BBF1DD)	Hex(BBFFE9)	Hex(BBFFF5)
Hex(BB6E8A)		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 3.28 AA 18pt ²
Hex(BB8196)	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(BB93A2)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(BBA6AE)	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(BBB9BA)	Ratio: 1.88 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(BBCCC5)	Ratio: 2.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(BBDED1)	Ratio: 2.54 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(BBF1DD)	Ratio: 2.93 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(BBFFE9)	Ratio: 3.26 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(BBFFF5)	Ratio: 3.28 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 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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