

Converting Colors - WCAG Matrix

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

	Hex(8A4BBE)	Hex(935EBE)	Hex(9B71BE)	Hex(A484BE)	Hex(AC97BE)	Hex(B5AABE)	Hex(BEBDBE)	Hex(C6D0BE)	Hex(CFE3BE)	Hex(D7F6BE)
Hex(8A4BBE)		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 4.65 AA AAA 18pt ⁴
Hex(935EBE)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(9B71BE)	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(A484BE)	Ratio: 1.73 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(AC97BE)	Ratio: 2.07 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(B5AABE)	Ratio: 2.47 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(BEBDBE)	Ratio: 2.93 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(C6D0BE)	Ratio: 3.44 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(CFE3BE)	Ratio: 4.02 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(D7F6BE)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.35 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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