

Converting Colors - WCAG Matrix

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

	Hex(926EAD)	Hex(997FAD)	Hex(A191AD)	Hex(A8A2AD)	Hex(B0B3AD)	Hex(B7C5AD)	Hex(BED6AD)	Hex(C6E7AD)	Hex(CDF8AD)	Hex(D5FFAD)
Hex(926EAD)		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.49 AA 18pt ²	Ratio: 3.71 AA 18pt ²
Hex(997FAD)	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(A191AD)	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(A8A2AD)	Ratio: 1.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(B0B3AD)	Ratio: 1.96 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(B7C5AD)	Ratio: 2.29 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(BED6AD)	Ratio: 2.65 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(C6E7AD)	Ratio: 3.05 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(CDF8AD)	Ratio: 3.49 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(D5FFAD)	Ratio: 3.71 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 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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