

Converting Colors - WCAG Matrix

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

	Hex(A85B5D)	Hex(A86C6D)	Hex(A87D7E)	Hex(A88D8E)	Hex(A89E9E)	Hex(A8AFAF)	Hex(A8C0BF)	Hex(A8D1D0)	Hex(A8E1E0)	Hex(A8F2F0)
Hex(A85B5D)		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.85 AA 18pt ²
Hex(A86C6D)	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(A87D7E)	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A88D8E)	Ratio: 1.59 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(A89E9E)	Ratio: 1.86 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(A8AFAF)	Ratio: 2.18 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(A8C0BF)	Ratio: 2.54 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(A8D1D0)	Ratio: 2.94 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(A8E1E0)	Ratio: 3.36 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(A8F2F0)	Ratio: 3.85 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 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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