

Converting Colors - WCAG Matrix

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

	Hex(B19DC8)	Hex(A689C8)	Hex(9C75C8)	Hex(9161C8)	Hex(864DC8)	Hex(7C39C8)	Hex(7125C8)	Hex(6611C8)	Hex(5D00C8)
Hex(B19DC8)		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 3.71 AA 18pt ²
Hex(A689C8)	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(9C75C8)	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(9161C8)	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(864DC8)	Ratio: 2.18 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(7C39C8)	Ratio: 2.60 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(7125C8)	Ratio: 3.04 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(6611C8)	Ratio: 3.44 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(5D00C8)	Ratio: 3.71 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.08 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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