

Converting Colors - WCAG Matrix

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

	Hex(A181A4)	Hex(A071A4)	Hex(9E60A4)	Hex(9D50A4)	Hex(9B3FA4)	Hex(9A2FA4)	Hex(991FA4)	Hex(970EA4)	Hex(9600A4)
Hex(A181A4)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(A071A4)	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(9E60A4)	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(9D50A4)	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(9B3FA4)	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(9A2FA4)	Ratio: 1.87 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(991FA4)	Ratio: 2.01 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(970EA4)	Ratio: 2.12 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(9600A4)	Ratio: 2.19 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 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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