

Converting Colors - WCAG Matrix

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

Hex(564162) Hex(FFFFFF) Hex(887195) Hex(A38BAF) Hex(BEA5CB) Hex(DAC1E7) Hex(F6DCFF) Hex(FFF9FF)

	Hex(564162)	Hex(FFFFFF)	Hex(887195)	Hex(A38BAF)	Hex(BEA5CB)	Hex(DAC1E7)	Hex(F6DCFF)	Hex(FFF9FF)
Hex(564162)		Ratio: 9.02 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 7.13 Passed ⁶	Ratio: 8.70 Passed ⁶
Hex(FFFFFF)	Ratio: 9.02 Passed ⁶		Ratio: 4.34 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(887195)	Ratio: 2.08 Failed ⁵	Ratio: 4.34 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.18 AA 18pt ²
Hex(A38BAF)	Ratio: 2.95 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(BEA5CB)	Ratio: 4.05 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(DAC1E7)	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 1.65 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(F6DCFF)	Ratio: 7.13 Passed ⁶	Ratio: 1.27 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF9FF)	Ratio: 8.70 Passed ⁶	Ratio: 1.04 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 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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