

Converting Colors - WCAG Matrix

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

	Hex(A458C3)	Hex(FFFFFF)	Hex(DD8DFC)	Hex(FAA8FF)	Hex(FFC4FF)	Hex(FFE1FF)	Hex(FFFEFF)
Hex(A458C3)		Ratio: 4.41 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 4.38 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.41 AA 18pt ²		Ratio: 2.26 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(DD8DFC)	Ratio: 1.95 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(FAA8FF)	Ratio: 2.54 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(FFC4FF)	Ratio: 3.06 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFE1FF)	Ratio: 3.67 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFEFF)	Ratio: 4.38 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 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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