

Converting Colors - WCAG Matrix

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

	Hex(763076)	Hex(FFFFFF)	Hex(AC62AA)	Hex(C87CC6)	Hex(E597E2)	Hex(FFB2FF)	Hex(FFCEFF)	Hex(FFEBFF)
Hex(763076)		Ratio: 8.56 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 7.57 Passed ⁶
Hex(FFFFFF)	Ratio: 8.56 Passed ⁶		Ratio: 4.13 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(AC62AA)	Ratio: 2.07 Failed ⁵	Ratio: 4.13 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.66 AA 18pt ²
Hex(C87CC6)	Ratio: 2.91 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(E597E2)	Ratio: 4.02 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(FFB2FF)	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 1.61 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFCEFF)	Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEBFF)	Ratio: 7.57 Passed ⁶	Ratio: 1.13 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.42 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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