

Converting Colors - WCAG Matrix

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

Hex(90688E) Hex(FFFFFF) Hex(C69CC4) Hex(E3B7E0) Hex(FFD2FC) Hex(FFEEFF)

Hex(90688E)		Ratio: 4.61 AA¹ AAA 18pt⁴	Ratio: 1.96 Failed⁵	Ratio: 2.66 Failed⁵	Ratio: 3.48 AA 18pt²	Ratio: 4.18 AA 18pt²
Hex(FFFFFF)	Ratio: 4.61 AA¹ AAA 18pt⁴		Ratio: 2.35 Failed⁵	Ratio: 1.73 Failed⁵	Ratio: 1.32 Failed⁵	Ratio: 1.10 Failed⁵
Hex(C69CC4)	Ratio: 1.96 Failed⁵	Ratio: 2.35 Failed⁵		Ratio: 1.35 Failed⁵	Ratio: 1.77 Failed⁵	Ratio: 2.13 Failed⁵
Hex(E3B7E0)	Ratio: 2.66 Failed⁵	Ratio: 1.73 Failed⁵	Ratio: 1.35 Failed⁵		Ratio: 1.31 Failed⁵	Ratio: 1.57 Failed⁵
Hex(FFD2FC)	Ratio: 3.48 AA 18pt²	Ratio: 1.32 Failed⁵	Ratio: 1.77 Failed⁵	Ratio: 1.31 Failed⁵		Ratio: 1.20 Failed⁵
Hex(FFEEFF)	Ratio: 4.18 AA 18pt²	Ratio: 1.10 Failed⁵	Ratio: 2.13 Failed⁵	Ratio: 1.57 Failed⁵	Ratio: 1.20 Failed⁵	

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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