

Converting Colors - WCAG Matrix

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

Hex(AE6689) Hex(FFFFFF) Hex(E79ABE) Hex(FFB6DA) Hex(FFD2F7) Hex(FFEEFF)

	Hex(AE6689)	Hex(FFFFFF)	Hex(E79ABE)	Hex(FFB6DA)	Hex(FFD2F7)	Hex(FFEEFF)
Hex(AE6689)		Ratio: 4.15 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 3.74 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.15 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(E79ABE)	Ratio: 1.93 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(FFB6DA)	Ratio: 2.56 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFD2F7)	Ratio: 3.12 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEEFF)	Ratio: 3.74 AA 18pt ²	Ratio: 1.11 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.46 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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