

# Converting Colors - WCAG Matrix

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

**Hex(8D6980) Hex(FFFFFF) Hex(C39CB5) Hex(DFB7D0) Hex(FCD3EC) Hex(FFEFFF)**

	Hex(8D6980)	Hex(FFFFFF)	Hex(C39CB5)	Hex(DFB7D0)	Hex(FCD3EC)	Hex(FFEFFF)
Hex(8D6980)	Ratio: 4.70 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.96 Failed <sup>5</sup>	Ratio: 2.65 Failed <sup>5</sup>	Ratio: 3.51 AA 18pt <sup>2</sup>	Ratio: 4.27 AA 18pt <sup>2</sup>	
Hex(FFFFFF)	Ratio: 4.70 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 2.40 Failed <sup>5</sup>	Ratio: 1.78 Failed <sup>5</sup>	Ratio: 1.34 Failed <sup>5</sup>	Ratio: 1.10 Failed <sup>5</sup>	
Hex(C39CB5)	Ratio: 1.96 Failed <sup>5</sup>	Ratio: 2.40 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.79 Failed <sup>5</sup>	Ratio: 2.18 Failed <sup>5</sup>	
Hex(DFB7D0)	Ratio: 2.65 Failed <sup>5</sup>	Ratio: 1.78 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.33 Failed <sup>5</sup>	Ratio: 1.61 Failed <sup>5</sup>	
Hex(FCD3EC)	Ratio: 3.51 AA 18pt <sup>2</sup>	Ratio: 1.34 Failed <sup>5</sup>	Ratio: 1.79 Failed <sup>5</sup>	Ratio: 1.33 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	
Hex(FFEFFF)	Ratio: 4.27 AA 18pt <sup>2</sup>	Ratio: 1.10 Failed <sup>5</sup>	Ratio: 2.18 Failed <sup>5</sup>	Ratio: 1.61 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Failed to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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