

# Converting Colors - WCAG Matrix

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

Hex(607973) Hex(FFFFFF) Hex(93ADA7) Hex(AEC9C2) Hex(C9E5DE) Hex(E5FFFB)

	Hex(607973)	Hex(FFFFFF)	Hex(93ADA7)	Hex(AEC9C2)	Hex(C9E5DE)	Hex(E5FFFB)
Hex(607973)	Ratio: 4.69 AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: 1.96 Failed <sup>5</sup>	Ratio: 2.66 Failed <sup>5</sup>	Ratio: 3.51 AA 18pt <sup>2</sup>	Ratio: 4.47 AA 18pt <sup>2</sup>
Hex(FFFFFF)	Ratio: 4.69 AA <sup>1</sup> AAA 18pt <sup>4</sup>		Ratio: 2.39 Failed <sup>5</sup>	Ratio: 1.76 Failed <sup>5</sup>	Ratio: 1.33 Failed <sup>5</sup>	Ratio: 1.05 Failed <sup>5</sup>
Hex(93ADA7)	Ratio: 1.96 Failed <sup>5</sup>	Ratio: 2.39 Failed <sup>5</sup>		Ratio: 1.36 Failed <sup>5</sup>	Ratio: 1.79 Failed <sup>5</sup>	Ratio: 2.28 Failed <sup>5</sup>
Hex(AEC9C2)	Ratio: 2.66 Failed <sup>5</sup>	Ratio: 1.76 Failed <sup>5</sup>	Ratio: 1.36 Failed <sup>5</sup>		Ratio: 1.32 Failed <sup>5</sup>	Ratio: 1.68 Failed <sup>5</sup>
Hex(C9E5DE)	Ratio: 3.51 AA 18pt <sup>2</sup>	Ratio: 1.33 Failed <sup>5</sup>	Ratio: 1.79 Failed <sup>5</sup>	Ratio: 1.32 Failed <sup>5</sup>		Ratio: 1.27 Failed <sup>5</sup>
Hex(E5FFFB)	Ratio: 4.47 AA 18pt <sup>2</sup>	Ratio: 1.05 Failed <sup>5</sup>	Ratio: 2.28 Failed <sup>5</sup>	Ratio: 1.68 Failed <sup>5</sup>	Ratio: 1.27 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

Fails 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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