

# Converting Colors - WCAG Matrix

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

Hex(41A295) Hex(FFFFFF) Hex(7BD9CB) Hex(97F6E7) Hex(B4FFFF) Hex(D1FFFF) Hex(EFFFFFF)

	Hex(41A295)	Hex(FFFFFF)	Hex(7BD9CB)	Hex(97F6E7)	Hex(B4FFFF)	Hex(D1FFFF)	Hex(EFFFFFF)
Hex(41A295)		Ratio: 3.08 AA 18pt <sup>2</sup>	Ratio: 1.85 Failed <sup>5</sup>	Ratio: 2.44 Failed <sup>5</sup>	Ratio: 2.74 Failed <sup>5</sup>	Ratio: 2.85 Failed <sup>5</sup>	Ratio: 2.99 Failed <sup>5</sup>
Hex(FFFFFF)	Ratio: 3.08 AA 18pt <sup>2</sup>		Ratio: 1.66 Failed <sup>5</sup>	Ratio: 1.26 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>
Hex(7BD9CB)	Ratio: 1.85 Failed <sup>5</sup>	Ratio: 1.66 Failed <sup>5</sup>		Ratio: 1.32 Failed <sup>5</sup>	Ratio: 1.48 Failed <sup>5</sup>	Ratio: 1.54 Failed <sup>5</sup>	Ratio: 1.61 Failed <sup>5</sup>
Hex(97F6E7)	Ratio: 2.44 Failed <sup>5</sup>	Ratio: 1.26 Failed <sup>5</sup>	Ratio: 1.32 Failed <sup>5</sup>		Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>
Hex(B4FFFF)	Ratio: 2.74 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.48 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>		Ratio: 1.04 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>
Hex(D1FFFF)	Ratio: 2.85 Failed <sup>5</sup>	Ratio: 1.08 Failed <sup>5</sup>	Ratio: 1.54 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>		Ratio: 1.05 Failed <sup>5</sup>
Hex(EFFFFFF)	Ratio: 2.99 Failed <sup>5</sup>	Ratio: 1.03 Failed <sup>5</sup>	Ratio: 1.61 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.09 Failed <sup>5</sup>	Ratio: 1.05 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.

This PDF was generated on [convertingcolors.com](https://convertingcolors.com).