

# Converting Colors - WCAG Matrix

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

Hex(257B47) Hex(FFFFFF) Hex(5DB078) Hex(78CC92) Hex(94E8AC) Hex(B0FFC8) Hex(CCFE4) Hex(E9FFFF)

	Hex(257B47)	Hex(FFFFFF)	Hex(5DB078)	Hex(78CC92)	Hex(94E8AC)	Hex(B0FFC8)	Hex(CCFE4)	Hex(E9FFFF)
Hex(257B47)	Ratio: 5.25 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.99 Failed <sup>5</sup>	Ratio: 2.71 Failed <sup>5</sup>	Ratio: 3.60 AA 18pt <sup>2</sup>	Ratio: 4.49 AA 18pt <sup>2</sup>	Ratio: 4.74 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 5.05 AA <sup>1</sup> AAA 18pt <sup>4</sup>	
Hex(FFFFFF)	Ratio: 5.25 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 2.64 Failed <sup>5</sup>	Ratio: 1.94 Failed <sup>5</sup>	Ratio: 1.46 Failed <sup>5</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 1.04 Failed <sup>5</sup>	
Hex(5DB078)	Ratio: 1.99 Failed <sup>5</sup>	Ratio: 2.64 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.81 Failed <sup>5</sup>	Ratio: 2.26 Failed <sup>5</sup>	Ratio: 2.39 Failed <sup>5</sup>	Ratio: 2.54 Failed <sup>5</sup>	
Hex(78CC92)	Ratio: 2.71 Failed <sup>5</sup>	Ratio: 1.94 Failed <sup>5</sup>	Ratio: 1.37 Failed <sup>5</sup>	Ratio: 1.33 Failed <sup>5</sup>	Ratio: 1.66 Failed <sup>5</sup>	Ratio: 1.75 Failed <sup>5</sup>	Ratio: 1.86 Failed <sup>5</sup>	
Hex(94E8AC)	Ratio: 3.60 AA 18pt <sup>2</sup>	Ratio: 1.46 Failed <sup>5</sup>	Ratio: 1.81 Failed <sup>5</sup>	Ratio: 1.33 Failed <sup>5</sup>	Ratio: 1.25 Failed <sup>5</sup>	Ratio: 1.32 Failed <sup>5</sup>	Ratio: 1.40 Failed <sup>5</sup>	
Hex(B0FFC8)	Ratio: 4.49 AA 18pt <sup>2</sup>	Ratio: 1.17 Failed <sup>5</sup>	Ratio: 2.26 Failed <sup>5</sup>	Ratio: 1.66 Failed <sup>5</sup>	Ratio: 1.25 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	
Hex(CCFE4)	Ratio: 4.74 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.11 Failed <sup>5</sup>	Ratio: 2.39 Failed <sup>5</sup>	Ratio: 1.75 Failed <sup>5</sup>	Ratio: 1.32 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	Ratio: 1.06 Failed <sup>5</sup>	
Hex(E9FFFF)	Ratio: 5.05 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 1.04 Failed <sup>5</sup>	Ratio: 2.54 Failed <sup>5</sup>	Ratio: 1.86 Failed <sup>5</sup>	Ratio: 1.40 Failed <sup>5</sup>	Ratio: 1.12 Failed <sup>5</sup>	Ratio: 1.06 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).