

# Converting Colors - WCAG Matrix

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

Hex(859FAB) Hex(6B8590) Hex(526C77) Hex(3B535E) Hex(243C46) Hex(0C2730) Hex(00121B) Hex(000000)

	Hex(859FAB)	Hex(6B8590)	Hex(526C77)	Hex(3B535E)	Hex(243C46)	Hex(0C2730)	Hex(00121B)	Hex(000000)
Hex(859FAB)		Ratio: 1.40 Failed <sup>5</sup>	Ratio: 2.00 Failed <sup>5</sup>	Ratio: 2.92 Failed <sup>5</sup>	Ratio: 4.17 AA 18pt <sup>2</sup>	Ratio: 5.59 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 6.84 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 7.54 Passed <sup>6</sup>
Hex(6B8590)	Ratio: 1.40 Failed <sup>5</sup>		Ratio: 1.43 Failed <sup>5</sup>	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 2.97 Failed <sup>5</sup>	Ratio: 3.99 AA 18pt <sup>2</sup>	Ratio: 4.88 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 5.38 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(526C77)	Ratio: 2.00 Failed <sup>5</sup>	Ratio: 1.43 Failed <sup>5</sup>		Ratio: 1.46 Failed <sup>5</sup>	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 2.80 Failed <sup>5</sup>	Ratio: 3.42 AA 18pt <sup>2</sup>	Ratio: 3.77 AA 18pt <sup>2</sup>
Hex(3B535E)	Ratio: 2.92 Failed <sup>5</sup>	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 1.46 Failed <sup>5</sup>		Ratio: 1.43 Failed <sup>5</sup>	Ratio: 1.92 Failed <sup>5</sup>	Ratio: 2.34 Failed <sup>5</sup>	Ratio: 2.58 Failed <sup>5</sup>
Hex(243C46)	Ratio: 4.17 AA 18pt <sup>2</sup>	Ratio: 2.97 Failed <sup>5</sup>	Ratio: 2.08 Failed <sup>5</sup>	Ratio: 1.43 Failed <sup>5</sup>		Ratio: 1.34 Failed <sup>5</sup>	Ratio: 1.64 Failed <sup>5</sup>	Ratio: 1.81 Failed <sup>5</sup>
Hex(0C2730)	Ratio: 5.59 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 3.99 AA 18pt <sup>2</sup>	Ratio: 2.80 Failed <sup>5</sup>	Ratio: 1.92 Failed <sup>5</sup>	Ratio: 1.34 Failed <sup>5</sup>		Ratio: 1.22 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>
Hex(00121B)	Ratio: 6.84 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 4.88 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 3.42 AA 18pt <sup>2</sup>	Ratio: 2.34 Failed <sup>5</sup>	Ratio: 1.64 Failed <sup>5</sup>	Ratio: 1.22 Failed <sup>5</sup>		Ratio: 1.10 Failed <sup>5</sup>
Hex(000000)	Ratio: 7.54 Passed <sup>6</sup>	Ratio: 5.38 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 3.77 AA 18pt <sup>2</sup>	Ratio: 2.58 Failed <sup>5</sup>	Ratio: 1.81 Failed <sup>5</sup>	Ratio: 1.35 Failed <sup>5</sup>	Ratio: 1.10 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](http://convertingcolors.com).