

# Converting Colors - WCAG Matrix

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

Hex(26BD91) Hex(00A178) Hex(00865F) Hex(006C47) Hex(005331) Hex(003A1B) Hex(002402) Hex(000000)

	Hex(26BD91)	Hex(00A178)	Hex(00865F)	Hex(006C47)	Hex(005331)	Hex(003A1B)	Hex(002402)	Hex(000000)
Hex(26BD91)		Ratio: 1.38 Failed <sup>5</sup>	Ratio: 1.92 Failed <sup>5</sup>	Ratio: 2.71 Failed <sup>5</sup>	Ratio: 3.84 AA 18pt <sup>2</sup>	Ratio: 5.41 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 7.00 Passed <sup>6</sup>	Ratio: 8.77 Passed <sup>6</sup>
Hex(00A178)	Ratio: 1.38 Failed <sup>5</sup>		Ratio: 1.39 Failed <sup>5</sup>	Ratio: 1.97 Failed <sup>5</sup>	Ratio: 2.79 Failed <sup>5</sup>	Ratio: 3.93 AA 18pt <sup>2</sup>	Ratio: 5.08 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 6.37 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(00865F)	Ratio: 1.92 Failed <sup>5</sup>	Ratio: 1.39 Failed <sup>5</sup>		Ratio: 1.41 Failed <sup>5</sup>	Ratio: 2.01 Failed <sup>5</sup>	Ratio: 2.82 Failed <sup>5</sup>	Ratio: 3.65 AA 18pt <sup>2</sup>	Ratio: 4.58 AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(006C47)	Ratio: 2.71 Failed <sup>5</sup>	Ratio: 1.97 Failed <sup>5</sup>	Ratio: 1.41 Failed <sup>5</sup>		Ratio: 1.42 Failed <sup>5</sup>	Ratio: 2.00 Failed <sup>5</sup>	Ratio: 2.58 Failed <sup>5</sup>	Ratio: 3.24 AA 18pt <sup>2</sup>
Hex(005331)	Ratio: 3.84 AA 18pt <sup>2</sup>	Ratio: 2.79 Failed <sup>5</sup>	Ratio: 2.01 Failed <sup>5</sup>	Ratio: 1.42 Failed <sup>5</sup>		Ratio: 1.41 Failed <sup>5</sup>	Ratio: 1.82 Failed <sup>5</sup>	Ratio: 2.28 Failed <sup>5</sup>
Hex(003A1B)	Ratio: 5.41 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 3.93 AA 18pt <sup>2</sup>	Ratio: 2.82 Failed <sup>5</sup>	Ratio: 2.00 Failed <sup>5</sup>	Ratio: 1.41 Failed <sup>5</sup>		Ratio: 1.29 Failed <sup>5</sup>	Ratio: 1.62 Failed <sup>5</sup>
Hex(002402)	Ratio: 7.00 Passed <sup>6</sup>	Ratio: 5.08 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 3.65 AA 18pt <sup>2</sup>	Ratio: 2.58 Failed <sup>5</sup>	Ratio: 1.82 Failed <sup>5</sup>	Ratio: 1.29 Failed <sup>5</sup>		Ratio: 1.25 Failed <sup>5</sup>
Hex(000000)	Ratio: 8.77 Passed <sup>6</sup>	Ratio: 6.37 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 4.58 AA <sup>1</sup> AAA 18pt <sup>4</sup>	Ratio: 3.24 AA 18pt <sup>2</sup>	Ratio: 2.28 Failed <sup>5</sup>	Ratio: 1.62 Failed <sup>5</sup>	Ratio: 1.25 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).