

Converting Colors

CIELCh(66, 7.963, 194.839)

Have a look what the booklet for
CIELCh(66, 7.963, 194.839) contains.

CIELCh(66, 8.119, 194.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 8.119, 194.825)

Conversions

Conversions Part 1

Format	Color
Hex	8FA5A4
RGB	143, 165, 164
RGB Percent	56%, 65%, 64%
CMY	0.4401, 0.3538, 0.3577
CMYK	0.13, 0.00, 0.01, 0.35
HSL	177°, 11%, 60%
HSV	177°, 13%, 65%
XYZ	31.3869, 35.3238, 40.1821
YIQ	158.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

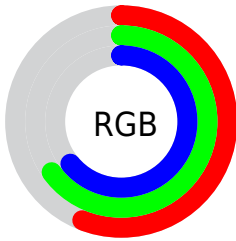
Format	Color
RYB	143, 154, 165
Decimal	9414052
CIELab	66.00, -7.85, -2.08
CIElCh	66, 8.119, 194.825
Yxy	35.3238, 0.2936, 0.3305
Android (android.graphics.Color)	4287604132 (0xFF8FA5A4)
YUV	158.3080, 2.8062, -13.4251
Hunter-Lab	59.4338, -9.7438, 1.5188

Details

The CIELCh color $66, 8.119, 194.825$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 8.767, 16.577$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 8.093, 195.178$, and $46, 8.206, 194.331$ is the 20% darker color. If you saturate the color by 10%, you get $65, 13.818, 194.164$, and if you desaturate by 10%, it is $67, 2.081, 195.628$.

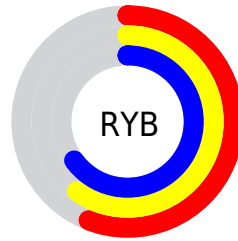
Distribution



Red (56%)

Green (65%)

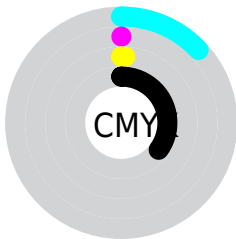
Blue (64%)



Red (56%)

Yellow (60%)

Blue (65%)

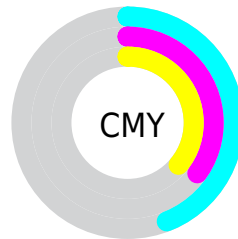


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (44%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 8.119, 194.825 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 8.119, 194.825 by changing the saturation by 10% instead.

■ 66, 8.119, 194.825

■ 66, 8.119, 194.825

■ 100, 8.119,
194.825

■ 56, 8.119, 194.825

■ 86, 8.119, 194.825

■ 46, 8.119, 194.825

■ 96, 8.119, 194.825

■ 36, 8.119, 194.825

■ 26, 8.119, 194.825

■ 16, 8.119, 194.825

■ 6, 8.119, 194.825

■ 0, 8.119, 194.825

■ 66, 8.119, 194.825

■ 66, 8.119, 194.825

■ 65, 13.818,

■ 67, 2.081, 195.628

194.164

69, 4.207, 15.944

64, 19.079,
193.544

70, 10.668, 16.676

63, 23.804,
192.946

72, 17.234, 17.362

62, 27.899,
192.366

73, 23.851, 18.039

62, 31.289,
191.800

75, 30.478, 18.709

62, 33.929,
191.238

77, 35.822, 19.127

61, 35.810,
190.671

77, 35.784, 18.496

61, 36.975,
190.087

61, 37.512,
189.693

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 8.119, 194.825



61, 8.767, 16.577

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 8.119, 194.825



66, 8.119, 244.825



66, 8.119, 14.825



66, 8.119, 64.825

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 8.120, 194.816



85, 3.073, 195.541



66, 14.679, 142.370



45, 2.177, 195.466



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 8.120, 194.816



83, 11.958, 194.619



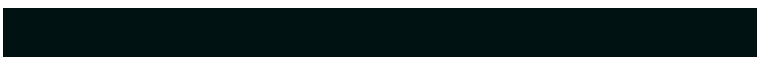
63, 7.004, 251.531



34, 3.446, 195.102



54, 34.199, 189.760



4, 5.491, 194.430

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



61, 8.767, 16.577



76, 13.145, 16.851



64, 7.314, 68.275



32, 3.632, 16.213



30, 66.485, 37.429



1, 5.478, 15.974

Previews

White Background



This preview shows how the CIELCh color 66, 8.119, 194.825 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 8.119, 194.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

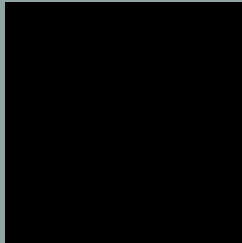
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

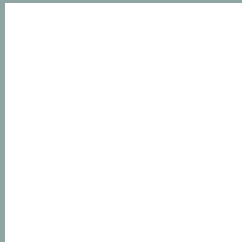
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 8.119, 194.825

Background



This preview shows how black text looks on a background with the CIELCh color 66, 8.119, 194.825.

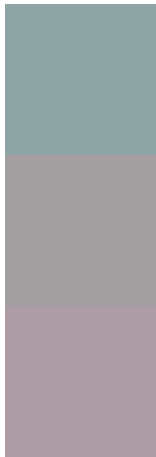


This preview shows how white text looks on a background with the CIELCh color 66, 8.119, 194.825.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

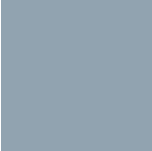
66, 8.119, 194.825

Protanopia

66, 1.900, 343.663

Deuteranopia

66, 9.206, 338.851



Tritanopia
66, 9.518, 248.444

Trichromacy



Original Color
66, 8.119, 194.825

Protanomaly
66, 1.956, 215.958

Deuteranomaly
66, 3.534, 309.195

Tritanomaly
66, 8.359, 231.051

Monochromacy



Original Color
66, 8.119, 194.825

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 3.011, 199.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 8.119, 194.825 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(143, 165, 164)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 165, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 8.119, 194.825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 165, 164) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(143, 165, 164) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(143, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(143, 165,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 8.119, 194.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 165, 164) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
165, 164) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor