

Converting Colors

CIELCh(67, 11.994, 201.509)

Have a look what the booklet for
CIELCh(67, 11.994, 201.509)
contains.

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Color

CIELCh(67, 11.794, 201.146)

Conversions

Conversions Part 1

Format	Color
Hex	88A9AA
RGB	136, 169, 170
RGB Percent	53%, 66%, 67%
CMY	0.4657, 0.3363, 0.3324
CMYK	0.20, 0.01, 0.00, 0.33
HSL	182°, 17%, 60%
HSV	182°, 20%, 67%
XYZ	31.7038, 36.6320, 43.5504
YIQ	159.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

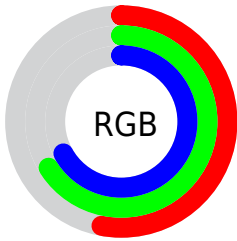
Format	Color
R _{YB}	136, 153, 170
Decimal	8956330
CIE Lab	67.00, -11.00, -4.25
CIE LCh	67, 11.794, 201.146
Yxy	36.6320, 0.2834, 0.3274
Android (android.graphics.Color)	4287146410 (0xFF88A9AA)
YUV	159.2470, 5.3012, -20.3876
Hunter-Lab	60.5244, -12.4161, -0.2952

Details

The CIELCh color **67, 11.794, 201.146** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 13.445, 23.111**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 11.679, 201.232**, and **47, 11.932, 200.986** is the 20% darker color. If you saturate the color by 10%, you get **66, 17.089, 200.799**, and if you desaturate by 10%, it is **68, 6.061, 201.568**.

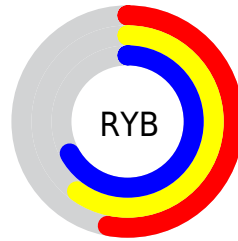
Distribution



Red (53%)

Green (66%)

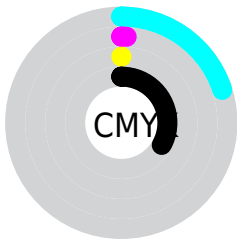
Blue (67%)



Red (53%)

Yellow (60%)

Blue (67%)

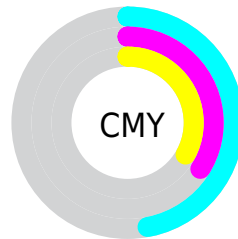


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (33%)



Cyan (47%)


Magenta (34%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.794, 201.146 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 67, 11.794, 201.146 by changing the saturation by 10% instead.


 67, 11.794,
201.146


 67, 11.794,
201.146


 100, 11.794,
201.146


 57, 11.794,
201.146


 87, 11.794,
201.146

 47, 11.794,
201.146

 97, 11.794,
201.146

 37, 11.794,
201.146

 27, 11.794,
201.146

 17, 11.794,
201.146

 7, 11.794, 201.146

 0, 11.794, 201.146

67, 11.794,
201.146

67, 11.794,
201.146

66, 17.089,
200.799

68, 6.061, 201.568

65, 21.846,
200.537

70, 0.019, 354.771

71, 6.353, 22.324

64, 25.971,
200.363

73, 12.872, 22.870

63, 29.386,
200.285

75, 19.512, 23.410

77, 26.222, 23.957

63, 32.034,
200.314

78, 32.794, 24.506

62, 33.899,
200.456

79, 32.622, 24.947

79, 32.453, 25.394

62, 35.011,
200.716

62, 35.558,

201.071

■ 62, 35.559,
201.072

Harmonies

Complementary

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



67, 11.794, 201.146



60, 13.445, 23.111

Rectangle

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



67, 11.794, 201.146



67, 11.794, 251.146



67, 11.794, 21.146



67, 11.794, 71.146

Sweetspot

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



67, 11.795, 201.140



87, 4.566, 201.782



66, 22.725, 143.628



47, 3.048, 201.743



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 11.795, 201.140



84, 17.319, 200.978



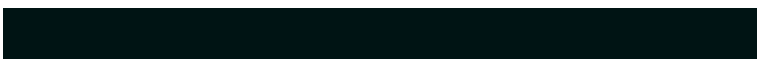
62, 11.305, 260.056



35, 3.413, 201.603



54, 32.080, 201.016



5, 6.308, 203.002

Inverse Universe

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



61, 22.549, 326.314



75, 33.613, 326.558



64, 11.840, 74.723



33, 6.303, 325.716



35, 75.275, 329.411



2, 11.349, 325.558

Previews

White Background



This preview shows how the CIELCh color 67, 11.794, 201.146 looks on a white background.

Color Contrast Check

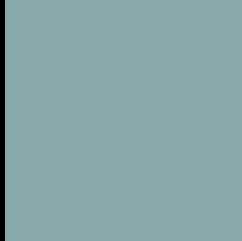
Large Text (above 18pt) WCAG AA × Fail

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 67, 11.794, 201.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

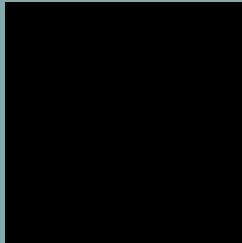
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 11.794, 201.146

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.794, 201.146.

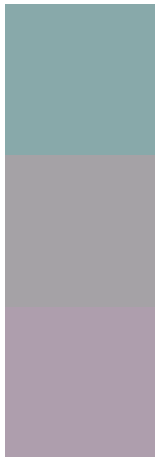


This preview shows how white text looks on a background with the CIELCh color 67, 11.794, 201.146.

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
67, 11.794, 201.146

Protanopia
67, 2.503, 317.327

Deuteranopia
67, 10.287, 326.652



Tritanopia
67, 12.476, 234.026

Trichromacy



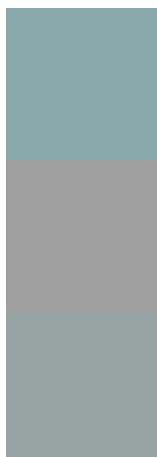
Original Color
67, 11.794, 201.146

Protanomaly
67, 4.031, 223.536

Deuteranomaly
67, 5.570, 283.141

Tritanomaly
67, 11.828, 223.603

Monochromacy



Original Color
67, 11.794, 201.146

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 4.477, 199.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.794, 201.146 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(136, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 169, 170)  
}
```

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(136, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 169, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.794, 201.146 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(136, 169, 170) }
```

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

```
.border{ border-color:rgb(136, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 169,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.794, 201.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 169, 170) }
```

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

```
.background{ background-color: rgb(136,  
169, 170) }
```

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](#).

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