

Converting Colors

CIELCh(67, 21.644, 247.015)

Have a look what the booklet for
CIELCh(67, 21.644, 247.015)
contains.

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Color

CIELCh(67, 21.478, 247.208)

Conversions

Conversions Part 1

Format	Color
Hex	7AA9C6
RGB	122, 169, 198
RGB Percent	48%, 66%, 78%
CMY	0.5212, 0.3369, 0.2232
CMYK	0.38, 0.15, 0.00, 0.22
HSL	203°, 40%, 63%
HSV	203°, 38%, 78%
XYZ	32.4444, 36.6320, 58.8394
YIQ	158.2530, -37.3210, -0.9450

Conversions

Conversions Part 2

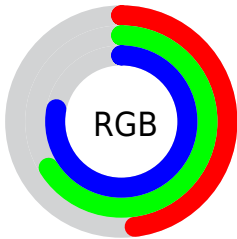
Format	Color
RYB	122, 151, 198
Decimal	8038854
CIELab	67.00, -8.32, -19.80
CIElCh	67, 21.478, 247.208
Yxy	36.6320, 0.2536, 0.2864
Android (android.graphics.Color)	4286228934 (0xFF7AA9C6)
YUV	158.2530, 19.5953, -31.7939
Hunter-Lab	60.5244, -10.2317, -15.2724

Details

The CIELCh color **67, 21.478, 247.208** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 26.004, 58.125**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 21.567, 247.882**, and **47, 21.411, 247.074** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.402, 249.501**, and if you desaturate by 10%, it is **70, 16.230, 245.336**.

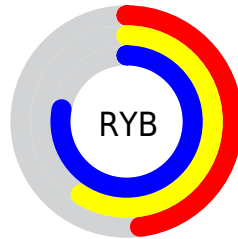
Distribution



Red (48%)

Green (66%)

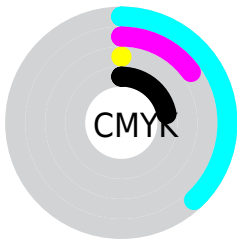
Blue (78%)



Red (48%)

Yellow (59%)

Blue (78%)

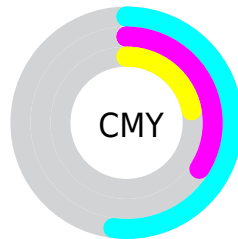


Cyan (38%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (34%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.478, 247.208 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, 21.478, 247.208 by changing the saturation by 10% instead.

 67, 21.478,
247.208

 67, 21.478,
247.208


 100, 21.478,
247.208


 57, 21.478,
247.208

 87, 21.478,
247.208

 47, 21.478,
247.208

 97, 21.478,
247.208

 37, 21.478,
247.208

 27, 21.478,
247.208

 17, 21.478,
247.208

 7, 21.478, 247.208

 0, 21.478, 247.208

67, 21.478,
247.208

67, 21.478,
247.208

64, 26.402,
249.501

70, 16.230,
245.336

61, 30.976,
252.299

74, 10.707,
243.819

58, 35.199,
255.672

77, 4.956, 242.617

55, 39.116,
259.658

80, 0.973, 61.032

84, 7.036, 60.586

52, 42.828,
264.232

88, 13.195, 59.912

50, 46.503,
269.205

91, 17.733, 63.876

92, 18.927, 78.020

50, 47.125,
269.990

94, 21.116, 89.776

Harmonies

Complementary

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



67, 21.478, 247.208



66, 26.004, 58.125

Rectangle

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



67, 21.478, 247.208



67, 21.478, 297.208



67, 21.478, 67.208



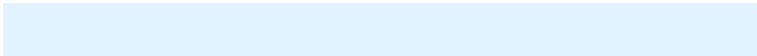
67, 21.478, 117.208

Sweetspot

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



67, 21.477, 247.206



95, 8.674, 243.036



74, 37.984, 153.674



50, 5.741, 243.194



0, 0.000, 0.000



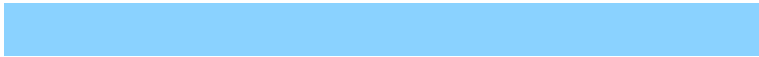
53, 0.007, 296.813

Same Dimension

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



67, 21.477, 247.206



81, 30.961, 249.082



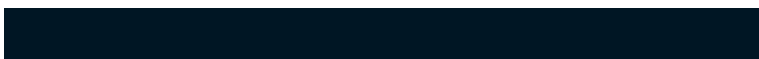
57, 37.619, 289.650



40, 3.365, 242.723



41, 40.386, 269.203



6, 12.234, 257.375

Inverse Universe

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



61, 38.366, 340.977



72, 55.954, 341.848



76, 35.144, 99.916



39, 5.645, 338.437



35, 63.229, 351.034



4, 19.274, 345.641

Previews

White Background



This preview shows how the CIELCh color 67, 21.478, 247.208 looks on a white background.

Color Contrast Check

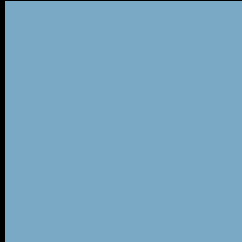
Large Text (above 18pt) WCAG AA × Fail

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, 21.478, 247.208 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, 21.478, 247.208

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.478, 247.208.



This preview shows how white text looks on a background with the CIELCh color 67, 21.478, 247.208.

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





Tritanopia
67, 18.567, 222.960

Trichromacy



Original Color
67, 21.478, 247.208

Protanomaly
67, 18.205, 270.118

Deuteranomaly
67, 20.519, 276.075

Tritanomaly
67, 19.319, 233.479

Monochromacy



Original Color
67, 21.478, 247.208

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.524, 244.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.478, 247.208 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(122, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(122, 169, 198)  
}
```

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(122, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 169, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.478, 247.208 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(122, 169, 198) }
```

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

```
.border{ border-color:rgb(122, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 169, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 169, 198); box-shadow:4px 4px 4px 4px rgb(122, 169, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.478, 247.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 169, 198) }
```

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

```
.background{ background-color: rgb(122,  
169, 198) }
```

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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