

Converting Colors

CIELCh(67, 21.212, 248.121)

Have a look what the booklet for
CIELCh(67, 21.212, 248.121)
contains.

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Color

CIELCh(67, 21.291, 247.789)

Conversions

Conversions Part 1

Format	Color
Hex	7BA9C6
RGB	123, 169, 198
RGB Percent	48%, 66%, 78%
CMY	0.5179, 0.3375, 0.2238
CMYK	0.38, 0.15, 0.00, 0.22
HSL	203°, 40%, 63%
HSV	203°, 38%, 78%
XYZ	32.5202, 36.6320, 58.7422
YIQ	158.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

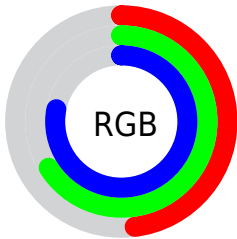
Format	Color
RYB	123, 152, 198
Decimal	8104390
CIELab	67.00, -8.05, -19.71
CIElCh	67, 21.291, 247.789
Yxy	36.6320, 0.2543, 0.2864
Android (android.graphics.Color)	4286294470 (0xFF7BA9C6)
YUV	158.5520, 19.4479, -31.1791
Hunter-Lab	60.5244, -10.0082, -15.1772

Details

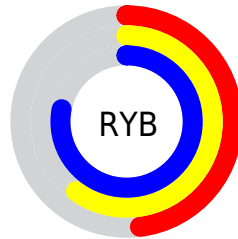
The CIELCh color **67, 21.291, 247.789** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **66, 25.622, 58.710**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 21.377, 248.480**, and **47, 21.245, 247.598** is the 20% darker color. If you saturate the color by 10%, you get **64, 26.264, 250.078**, and if you desaturate by 10%, it is **70, 16.005, 245.917**.

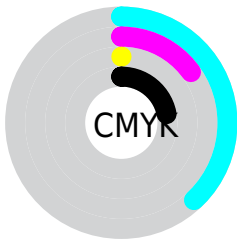
Distribution



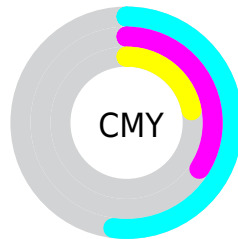
- Red (48%)
- Green (66%)
- Blue (78%)



- Red (48%)
- Yellow (60%)
- 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, 21.291, 247.789 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, 21.291, 247.789 by changing the saturation by 10% instead.

■ 67, 21.291,
247.789

■ 67, 21.291,
247.789

■ 100, 21.291,
247.789

■ 57, 21.291,
247.789

■ 87, 21.291,
247.789

■ 47, 21.291,
247.789

■ 97, 21.291,
247.789

■ 37, 21.291,
247.789

■ 27, 21.291,
247.789

■ 17, 21.291,
247.789

■ 7, 21.291, 247.789

■ 0, 21.291, 247.789

67, 21.291,
247.789

67, 21.291,
247.789

64, 26.264,
250.078

70, 16.005,
245.917

61, 30.898,
252.868

74, 10.453,
244.399

58, 35.192,
256.227

77, 4.682, 243.196

55, 39.189,
260.194

81, 1.261, 61.711

84, 7.331, 61.152

52, 42.988,
264.745

88, 13.493, 60.468

50, 46.751,
269.707

91, 17.836, 65.050

93, 19.139, 79.162

49, 47.574,
270.721

94, 21.433, 90.780

Harmonies

Complementary

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



67, 21.291, 247.789



66, 25.622, 58.710

Rectangle

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



67, 21.291, 247.789



67, 21.291, 297.789



67, 21.291, 67.789



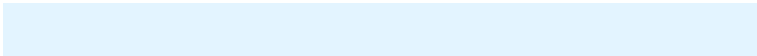
67, 21.291, 117.789

Sweetspot

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



67, 21.290, 247.787



95, 7.979, 243.553



74, 37.009, 154.442



50, 5.350, 243.714



0, 0.000, 0.000



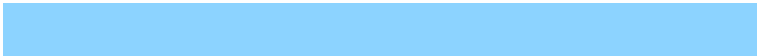
53, 0.007, 296.813

Same Dimension

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



67, 21.290, 247.787



81, 30.486, 249.530



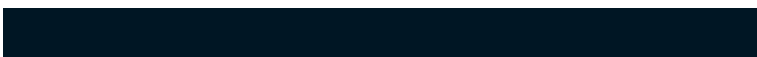
57, 37.834, 290.347



40, 3.371, 243.353



41, 40.787, 269.940



6, 12.301, 258.050

Inverse Universe

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



61, 37.753, 341.183



73, 54.648, 341.998



76, 35.230, 100.892



39, 5.625, 338.671



35, 63.075, 351.453



4, 19.202, 345.956

Previews

White Background



This preview shows how the CIE LCh color 67, 21.291, 247.789 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, 21.291, 247.789 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, 21.291, 247.789

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.291, 247.789.



This preview shows how white text looks on a background with the CIELCh color 67, 21.291, 247.789.

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](#).

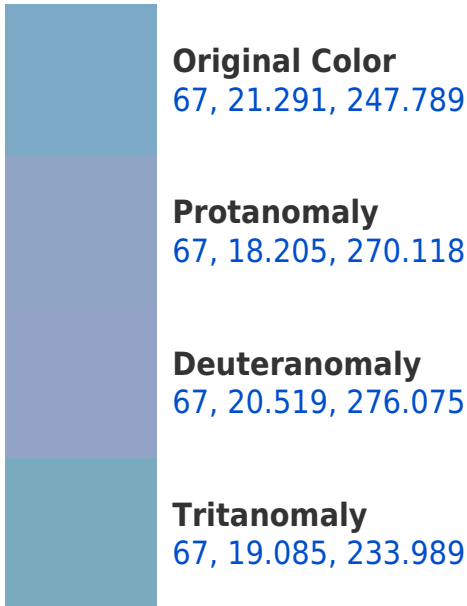
Dichromacy



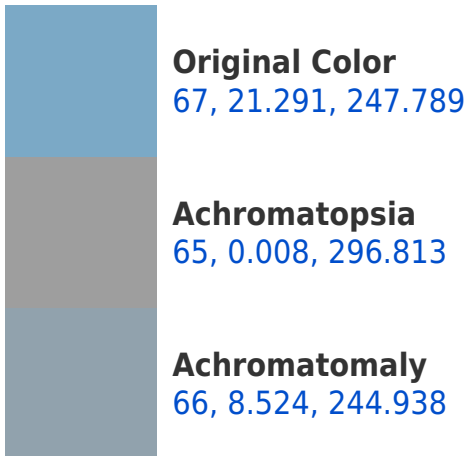


Tritanopia
67, 18.304, 223.357

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.291, 247.789 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(123, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 169, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.291, 247.789 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(123, 169, 198) }
```

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

```
.border{ border-color:rgb(123, 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(123, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 169, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 169, 198); box-shadow:4px 4px 4px 4px rgb(123, 169, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.291, 247.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 169, 198) }
```

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

```
.background{ background-color: rgb(123,  
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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