

Converting Colors

CIELCh(67, 14.147, 216.959)

Have a look what the booklet for
CIELCh(67, 14.147, 216.959)
contains.

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Color

CIELCh(67, 14.069, 216.790)

Conversions

Conversions Part 1

Format	Color
Hex	83AAB2
RGB	131, 170, 178
RGB Percent	51%, 67%, 70%
CMY	0.4875, 0.3346, 0.3032
CMYK	0.26, 0.04, 0.00, 0.30
HSL	190°, 23%, 60%
HSV	190°, 26%, 70%
XYZ	31.6306, 36.6320, 47.3542
YIQ	159.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

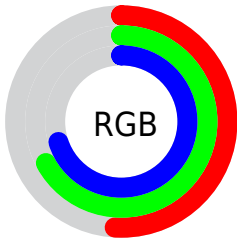
Format	Color
RYB	131, 152, 178
Decimal	8628914
CIELab	67.00, -11.27, -8.43
CIELCh	67, 14.069, 216.790
Yxy	36.6320, 0.2736, 0.3168
Android (android.graphics.Color)	4286818994 (0xFF83AAB2)
YUV	159.2510, 9.2433, -24.7761
Hunter-Lab	60.5244, -12.6320, -4.0214

Details

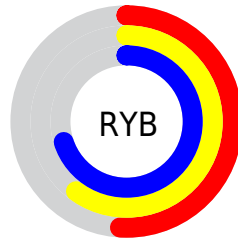
The CIELCh color `67, 14.069, 216.790` is a light color, and the websafe version is hex `669999`. A complement of this color would be `61, 16.856, 36.175`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 14.067, 218.253`, and `47, 14.032, 215.338` is the 20% darker color. If you saturate the color by 10%, you get `65, 18.654, 217.337`, and if you desaturate by 10%, it is `69, 9.035, 216.432`.

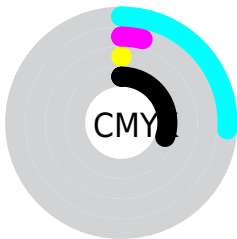
Distribution



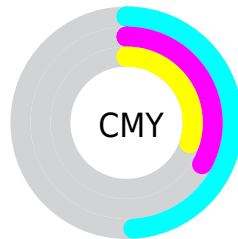
- Red (51%)
- Green (67%)
- Blue (70%)



- Red (51%)
- Yellow (60%)
- Blue (70%)



- Cyan (26%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)





- Cyan (49%)
- Magenta (33%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.069, 216.790 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, 14.069, 216.790 by changing the saturation by 10% instead.


 67, 14.069,
216.790


 67, 14.069,
216.790


 100, 14.069,
216.790


 57, 14.069,
216.790


 87, 14.069,
216.790

 47, 14.069,
216.790

 97, 14.069,
216.790

 37, 14.069,
216.790

 27, 14.069,
216.790

 17, 14.069,
216.790

 7, 14.069, 216.790

 0, 14.069, 216.790

67, 14.069,
216.790

67, 14.069,
216.790

65, 18.654,
217.337

69, 9.035, 216.432

63, 22.701,
218.129

71, 3.637, 216.291

73, 2.047, 35.799

62, 26.131,
219.217

76, 7.949, 35.964

60, 28.878,
220.666

78, 14.011, 36.041

80, 20.187, 36.155

59, 30.912,
222.546

83, 26.410, 36.315

58, 32.252,
224.928

83, 25.778, 40.174

84, 25.272, 44.212

57, 32.993,
227.848

56, 33.210,

228.936

Harmonies

Complementary

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



67, 14.069, 216.790



61, 16.856, 36.175

Rectangle

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



67, 14.069, 216.790



67, 14.069, 266.790



67, 14.069, 36.790



67, 14.069, 86.790

Sweetspot

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



67, 14.069, 216.785



90, 5.585, 216.292



68, 28.051, 147.504



48, 3.986, 216.303



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 14.069, 216.785



84, 20.673, 217.096



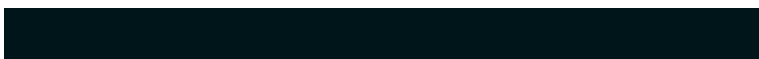
60, 18.295, 275.039



37, 3.184, 216.300



49, 29.739, 228.504



6, 7.588, 224.490

Inverse Universe

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



60, 28.070, 331.121



74, 42.118, 331.514



67, 18.402, 87.780



35, 6.001, 330.038



35, 69.249, 336.253



2, 13.704, 332.094

Previews

White Background



This preview shows how the CIE LCh color 67, 14.069, 216.790 looks on a white background.

Color Contrast Check

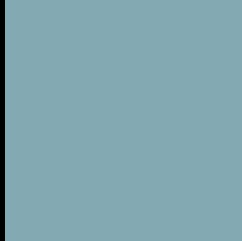
Large Text (above 18pt) WCAG AA × Fail

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, 14.069, 216.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

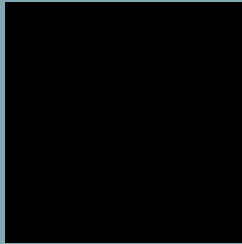
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.069, 216.790

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.069, 216.790.



This preview shows how white text looks on a background with the CIELCh color 67, 14.069, 216.790.

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, 14.069, 216.790

Protanopia
67, 6.101, 294.290

Deuteranopia
67, 13.013, 311.157



Tritanopia
67, 14.360, 228.698

Trichromacy



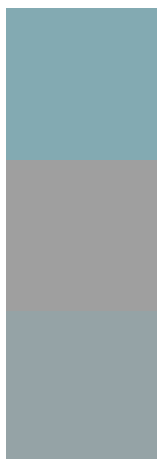
Original Color
67, 14.069, 216.790

Protanomaly
67, 7.403, 247.578

Deuteranomaly
67, 9.605, 278.141

Tritanomaly
67, 13.947, 224.464

Monochromacy



Original Color
67, 14.069, 216.790

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.394, 217.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.069, 216.790 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(131, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(131, 170, 178)  
}
```

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(131, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 170, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.069, 216.790 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(131, 170, 178) }
```

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

```
.border{ border-color:rgb(131, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(131, 170,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.069, 216.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 170, 178) }
```

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

```
.background{ background-color: rgb(131,  
170, 178) }
```

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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