

Converting Colors

CIELCh(67, 14.929, 274.042)

Have a look what the booklet for
CIELCh(67, 14.929, 274.042)
contains.

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Color

CIELCh(67, 14.929, 274.042)

Conversions

Conversions Part 1

Format	Color
Hex	97A4BE
RGB	151, 164, 190
RGB Percent	59%, 64%, 75%
CMY	0.4095, 0.3586, 0.2567
CMYK	0.21, 0.14, 0.00, 0.26
HSL	220°, 23%, 67%
HSV	220°, 21%, 74%
XYZ	35.1257, 36.6320, 53.6788
YIQ	163.0770, -16.0940, 5.3300

Conversions

Conversions Part 2

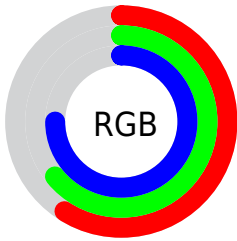
Format	Color
R_{YB}	151, 161, 190
Decimal	9938110
CIE _{Lab}	67.00, 1.05, -14.89
CIE _{LCh}	67, 14.929, 274.042
Yxy	36.6320, 0.2800, 0.2920
Android (android.graphics.Color)	4288128190 (0xFF97A4BE)
YUV	163.0770, 13.2730, -10.5915
Hunter-Lab	60.5244, -2.3239, -10.2170

Details

The CIELCh color $67, 14.929, 274.042$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 14.994, 88.520$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.681, 274.055$, and $47, 15.273, 275.730$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.360, 275.818$, and if you desaturate by 10%, it is $72, 7.613, 272.525$.

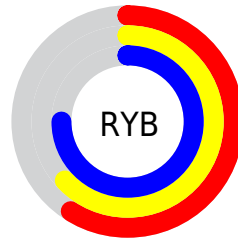
Distribution



Red (59%)

Green (64%)

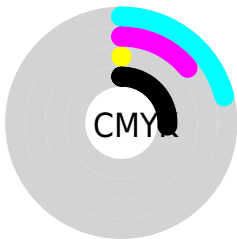
Blue (75%)



Red (59%)

Yellow (63%)

Blue (75%)

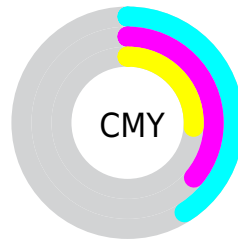


Cyan (21%)

Magenta (14%)

Yellow (0%)

Black (26%)



Cyan (41%)

Magenta (36%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 14.929, 274.042 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, 14.929, 274.042 by changing the saturation by 10% instead.

■ 67, 14.929,
274.042

■ 67, 14.929,
274.042

■ 100, 14.929,
274.042

■ 57, 14.929,
274.042

■ 87, 14.929,
274.042

■ 47, 14.929,
274.042

■ 97, 14.929,
274.042

■ 37, 14.929,
274.042

■ 27, 14.929,
274.042

■ 17, 14.929,
274.042

■ 7, 14.929, 274.042

■ 0, 14.929, 274.042

67, 14.929,
274.042

67, 14.929,
274.042

62, 22.360,
275.818

72, 7.613, 272.525

58, 29.919,
277.902

77, 0.413, 271.743

81, 6.673, 90.013

53, 37.624,
280.330

86, 13.644, 89.047

48, 45.503,
283.128

91, 20.498, 88.191

95, 26.135, 94.860

44, 53.592,
286.289

98, 31.529,
105.680

40, 61.905,
289.752

99, 32.931,
107.671

36, 70.390,
293.374

32, 78.397,

296.660

Harmonies

Complementary

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



67, 14.929, 274.042



72, 14.994, 88.520

Rectangle

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



67, 14.929, 274.042



67, 14.929, 324.042



67, 14.929, 94.042



67, 14.929, 144.042

Sweetspot

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



67, 14.928, 274.038



94, 5.352, 271.936



74, 16.034, 170.672



50, 3.580, 272.019



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 14.928, 274.038



83, 22.609, 274.865



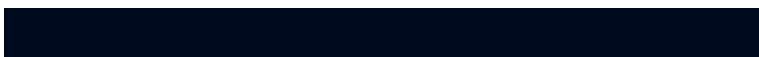
64, 21.922, 297.799



37, 4.065, 272.358



27, 67.565, 296.150



3, 13.463, 278.797

Inverse Universe

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



66, 16.703, 355.729



81, 25.385, 356.316



75, 20.949, 114.536



37, 4.497, 354.497



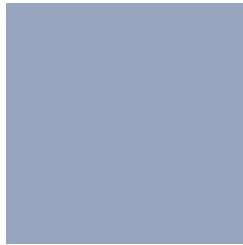
33, 60.283, 17.297



3, 12.977, 0.918

Previews

White Background



This preview shows how the CIELCh color 67, 14.929, 274.042 looks on a white background.

Color Contrast Check

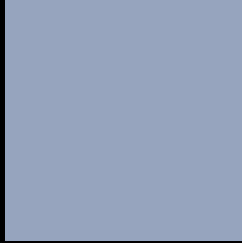
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 14.929, 274.042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

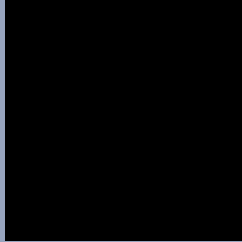
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.929, 274.042

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.929, 274.042.



This preview shows how white text looks on a background with the CIELCh color 67, 14.929, 274.042.

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

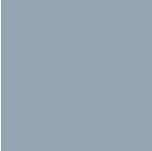
67, 14.929, 274.042

Protanopia

67, 14.410, 286.031

Deuteranopia

67, 17.885, 298.793



Tritanopia
67, 9.691, 252.304

Trichromacy



Original Color
67, 14.929, 274.042

Protanomaly
67, 14.566, 280.552

Deuteranomaly
67, 16.037, 290.564

Tritanomaly
67, 11.627, 264.181

Monochromacy



Original Color
67, 14.929, 274.042

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.792, 272.270

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.929, 274.042 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(151, 164, 190)` looks like.

```
.text, #text, p{  
    color:rgb(151, 164, 190)  
}
```

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(151, 164, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 164, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.929, 274.042 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(151, 164, 190) }
```

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

```
.border{ border-color:rgb(151, 164, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 164, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 164, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 164, 190);  
box-shadow:4px 4px 4px 4px rgb(151, 164,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.929, 274.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 164, 190) }
```

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

```
.background{ background-color: rgb(151,  
164, 190) }
```

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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