

Converting Colors

CIELCh(67, 11.176, 247.139)

Have a look what the booklet for
CIELCh(67, 11.176, 247.139)
contains.

CIELCh(67, 11.166, 247.124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 11.166, 247.124)

Conversions

Conversions Part 1

Format	Color
Hex	90A6B5
RGB	144, 166, 181
RGB Percent	56%, 65%, 71%
CMY	0.4345, 0.3483, 0.2894
CMYK	0.20, 0.08, 0.00, 0.29
HSL	204°, 20%, 64%
HSV	204°, 20%, 71%
XYZ	33.5656, 36.6320, 49.1215
YIQ	161.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

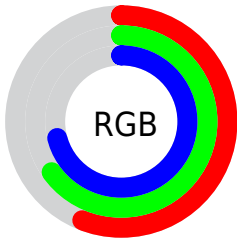
Format	Color
RYB	144, 158, 181
Decimal	9479861
CIELab	67.00, -4.34, -10.29
CIELCh	67, 11.166, 247.124
Yxy	36.6320, 0.2813, 0.3070
Android (android.graphics.Color)	4287669941 (0xFF90A6B5)
YUV	161.1320, 9.7949, -15.0248
Hunter-Lab	60.5244, -6.9251, -5.7527

Details

The CIELCh color $67, 11.166, 247.124$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 12.161, 62.439$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 11.281, 247.199$, and $47, 11.108, 247.398$ is the 20% darker color. If you saturate the color by 10%, you get $64, 16.359, 248.763$, and if you desaturate by 10%, it is $70, 5.779, 245.785$.

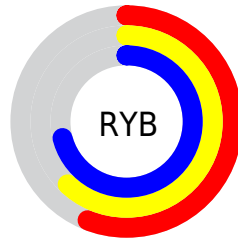
Distribution



Red (56%)

Green (65%)

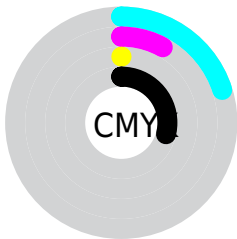
Blue (71%)



Red (56%)

Yellow (62%)

Blue (71%)

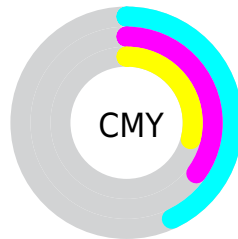


Cyan (20%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (43%)


Magenta (35%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 11.166, 247.124 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, 11.166, 247.124 by changing the saturation by 10% instead.


 67, 11.166,
247.124


 67, 11.166,
247.124


 100, 11.166,
247.124


 57, 11.166,
247.124


 87, 11.166,
247.124

 47, 11.166,
247.124

 97, 11.166,
247.124

 37, 11.166,
247.124

 27, 11.166,
247.124

 17, 11.166,
247.124

 7, 11.166, 247.124

 0, 11.166, 247.124

67, 11.166,
247.124

67, 11.166,
247.124

64, 16.359,
248.763

70, 5.779, 245.785

61, 21.321,
250.771

74, 0.242, 246.273

77, 5.409, 63.568

58, 26.018,
253.213

80, 11.141, 62.818

55, 30.433,
256.159

84, 16.926, 62.165

87, 22.741, 61.605

52, 34.578,
259.669

89, 24.060, 71.094

49, 38.508,
263.761

91, 25.550, 80.942

93, 27.708, 89.420

47, 42.323,
268.380

44, 46.033,

273.006

Harmonies

Complementary

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



67, 11.166, 247.124



67, 12.161, 62.439

Rectangle

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



67, 11.166, 247.124



67, 11.166, 297.124



67, 11.166, 67.124



67, 11.166, 117.124

Sweetspot

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



67, 11.165, 247.117



90, 4.128, 245.320



71, 18.480, 156.996



48, 2.734, 245.382



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, 11.165, 247.117



83, 16.728, 247.897



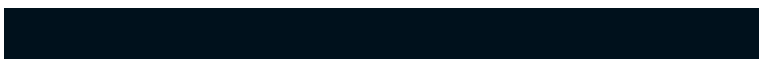
62, 18.719, 288.253



37, 3.180, 245.661



38, 40.736, 272.357



4, 9.365, 258.428

Inverse Universe

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



64, 18.693, 340.471



78, 28.293, 340.913



72, 18.052, 103.672



36, 5.196, 339.545



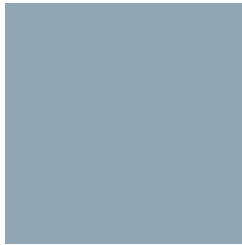
34, 60.410, 352.902



3, 12.962, 345.324

Previews

White Background



This preview shows how the CIELCh color 67, 11.166, 247.124 looks on a white background.

Color Contrast Check

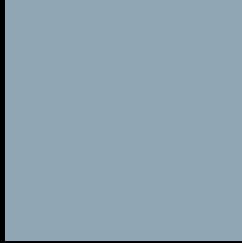
Large Text (above 18pt) WCAG AA × Fail

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, 11.166, 247.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

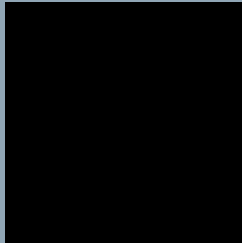
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

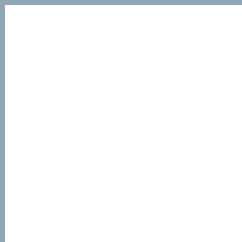
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 11.166, 247.124

Background



This preview shows how black text looks on a background with the CIELCh color 67, 11.166, 247.124.



This preview shows how white text looks on a background with the CIELCh color 67, 11.166, 247.124.

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

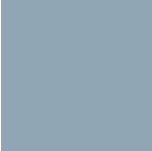
67, 11.166, 247.124

Protanopia

67, 8.848, 288.737

Deuteranopia

67, 14.473, 307.601



Tritanopia
67, 10.792, 244.962

Trichromacy



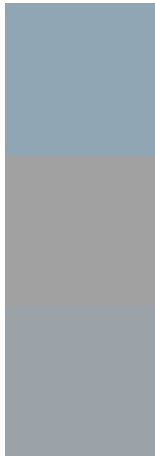
Original Color
67, 11.166, 247.124

Protanomaly
67, 8.826, 269.489

Deuteranomaly
67, 11.620, 289.606

Tritanomaly
67, 10.792, 244.962

Monochromacy



Original Color
67, 11.166, 247.124

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 4.017, 242.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 11.166, 247.124 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(144, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(144, 166, 181)  
}
```

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(144, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 166, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 11.166, 247.124 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(144, 166, 181) }
```

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

```
.border{ border-color:rgb(144, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(144, 166,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 11.166, 247.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 166, 181) }
```

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

```
.background{ background-color: rgb(144,  
166, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor