

Converting Colors

CIELCh(67, 21.585, 347.831)

Have a look what the booklet for
CIELCh(67, 21.585, 347.831)
contains.

CIELCh(67, 21.600, 347.601)	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, 21.600, 347.601)

Conversions

Conversions Part 1

Format	Color
Hex	C596AC
RGB	197, 150, 172
RGB Percent	77%, 59%, 67%
CMY	0.2277, 0.4120, 0.3257
CMYK	0.00, 0.24, 0.13, 0.23
HSL	332°, 29%, 68%
HSV	332°, 24%, 77%
XYZ	41.3473, 36.6320, 43.8911
YIQ	166.5610, 20.9500, 16.8060

Conversions

Conversions Part 2

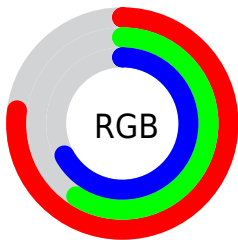
Format	Color
R_{YB}	197, 150, 172
Decimal	12949164
CIE _{Lab}	67.00, 21.10, -4.64
CIE _{LCh}	67, 21.600, 347.601
Yxy	36.6320, 0.3393, 0.3006
Android (android.graphics.Color)	4291139244 (0xFFC596AC)
YUV	166.5610, 2.6814, 26.6950
Hunter-Lab	60.5244, 16.0248, -0.6289

Details

The CIELCh color $67, 21.600, 347.601$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 20.866, 163.245$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.722, 347.667$, and $47, 21.651, 347.744$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.806, 348.745$, and if you desaturate by 10%, it is $72, 12.420, 346.589$.

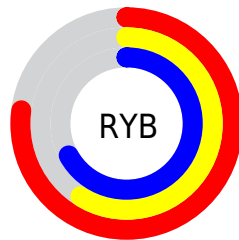
Distribution



Red (77%)

Green (59%)

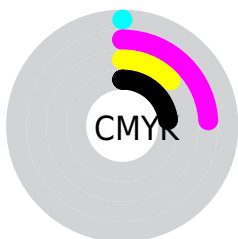
Blue (67%)



Red (77%)

Yellow (59%)

Blue (67%)

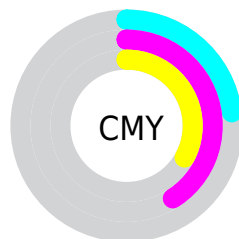


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (41%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 21.600, 347.601 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, 21.600, 347.601 by changing the saturation by 10% instead.


 67, 21.600,
347.601


 67, 21.600,
347.601


 100, 21.600,
347.601


 57, 21.600,
347.601


 87, 21.600,
347.601

 47, 21.600,
347.601

 97, 21.600,
347.601

 37, 21.600,
347.601

 27, 21.600,
347.601

 17, 21.600,
347.601

 7, 21.600, 347.601

 0, 21.600, 347.601

67, 21.600,
347.601

67, 21.600,
347.601

62, 30.806,
348.745

72, 12.420,
346.589

57, 39.815,
350.066

77, 3.417, 345.610

83, 5.328, 165.002

53, 48.294,
351.630

88, 13.776,
164.221

49, 55.816,
353.531

94, 21.915,
163.536

46, 61.915,
355.895

96, 22.492,
170.531

44, 66.212,
358.883

96, 20.133,
183.755

43, 68.608, 2.660

96, 19.031,
198.249

Harmonies

Complementary

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



67, 21.600, 347.601



76, 20.866, 163.245

Rectangle

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



67, 21.600, 347.601



67, 21.600, 37.601



67, 21.600, 167.601



67, 21.600, 217.601

Sweetspot

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



67, 21.598, 347.603



95, 7.669, 345.944



66, 27.594, 310.755



50, 4.987, 346.003



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, 21.598, 347.603



81, 32.491, 348.222



67, 18.599, 22.472



39, 5.093, 346.162



35, 60.502, 4.587



4, 17.563, 354.914

Inverse Universe

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



67, 21.598, 347.603



81, 32.491, 348.222



76, 15.852, 199.769



39, 5.093, 346.162



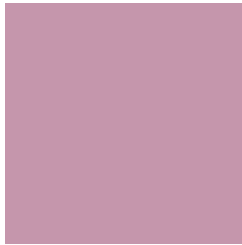
35, 60.502, 4.587



4, 17.563, 354.914

Previews

White Background



This preview shows how the CIELCh color 67, 21.600, 347.601 looks on a white background.

Color Contrast Check

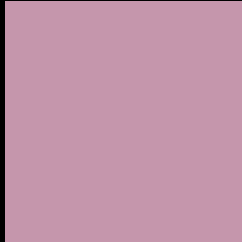
Large Text (above 18pt) WCAG AA × Fail

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, 21.600, 347.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

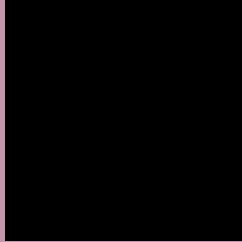
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.600, 347.601

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.600, 347.601.



This preview shows how white text looks on a background with the CIELCh color 67, 21.600, 347.601.

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, 21.600, 347.601

Protanopia
67, 9.399, 291.150

Deuteranopia
67, 9.544, 336.346



Tritanopia
67, 18.700, 0.700

Trichromacy



Original Color
67, 21.600, 347.601

Protanomaly
67, 11.853, 323.445

Deuteranomaly
67, 14.143, 342.215

Tritanomaly
67, 19.232, 356.028

Monochromacy



Original Color
67, 21.600, 347.601

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.851, 346.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.600, 347.601 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(197, 150, 172)` looks like.

```
.text, #text, p{  
    color:rgb(197, 150, 172)  
}
```

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(197, 150, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 150, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.600, 347.601 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(197, 150, 172) }
```

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

```
.border{ border-color:rgb(197, 150, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 150, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(197, 150,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.600, 347.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 150, 172) }
```

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

```
.background{ background-color: rgb(197,  
150, 172) }
```

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