

Converting Colors

CIELCh(67, 20.977, 305.672)

Have a look what the booklet for
CIELCh(67, 20.977, 305.672)
contains.

CIELCh(67, 21.159, 305.757)	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, 21.159, 305.757)

Conversions

Conversions Part 1	
Format	Color
Hex	AB9DC2
RGB	171, 157, 194
RGB Percent	67%, 62%, 76%
CMY	0.3297, 0.3846, 0.2395
CMYK	0.12, 0.19, 0.00, 0.24
HSL	263°, 23%, 69%
HSV	263°, 19%, 76%
XYZ	38.5537, 36.6320, 56.0350
YIQ	165.4040, -3.5330, 14.4750

Conversions

Conversions Part 2

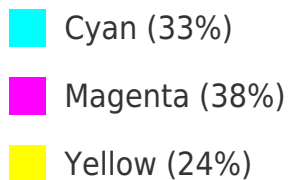
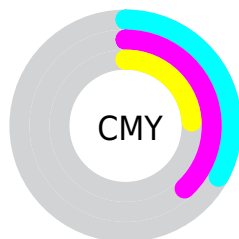
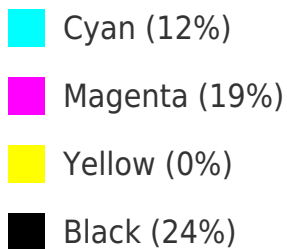
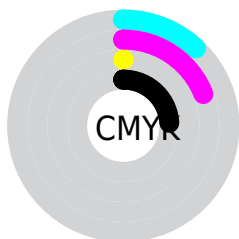
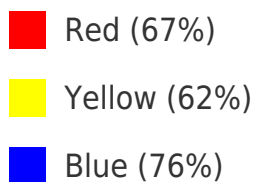
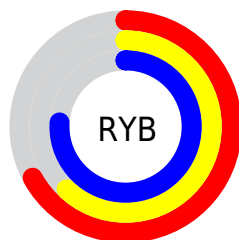
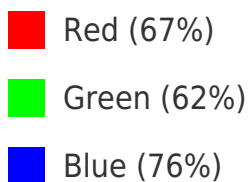
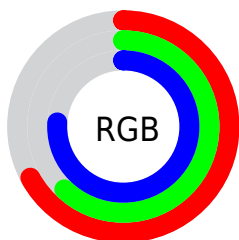
Format	Color
RYB	171, 157, 194
Decimal	11247042
CIELab	67.00, 12.36, -17.17
CIELCh	67, 21.159, 305.757
Yxy	36.6320, 0.2938, 0.2792
Android (android.graphics.Color)	4289437122 (0xFFAB9DC2)
YUV	165.4040, 14.0978, 4.9077
Hunter-Lab	60.5244, 7.7860, -12.5252

Details

The CIELCh color **67, 21.159, 305.757** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **76, 20.477, 123.739**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 21.156, 305.778**, and **47, 20.810, 306.182** is the 20% darker color. If you saturate the color by 10%, you get **61, 32.755, 306.399**, and if you desaturate by 10%, it is **73, 9.906, 305.173**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 21.159, 305.757 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, 21.159, 305.757 by changing the saturation by 10% instead.


 67, 21.159,
305.757


 67, 21.159,
305.757


 100, 21.159,
305.757


 57, 21.159,
305.757


 87, 21.159,
305.757

 47, 21.159,
305.757

 97, 21.159,
305.757

 37, 21.159,
305.757

 27, 21.159,
305.757

 17, 21.159,
305.757

 7, 21.159, 305.757

 0, 21.159, 305.757

67, 21.159,
305.757

67, 21.159,
305.757

61, 32.755,
306.399

73, 9.906, 305.173

79, 0.981, 124.742

55, 44.645,
307.096

85, 11.505,
124.220

49, 56.704,
307.826

91, 21.678,
123.822

44, 68.687,
308.547

97, 31.517,
123.478

39, 80.153,
309.190

98, 31.119,
116.013


34, 90.389,
309.641

99, 30.759,
107.838

30, 98.434,
309.756

28, 103.747,

309.478

 28, 104.206,
309.457

Harmonies

Complementary

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



67, 21.159, 305.757



76, 20.477, 123.739

Rectangle

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



67, 21.159, 305.757



67, 21.159, 355.757



67, 21.159, 125.757



67, 21.159, 175.757

Sweetspot

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



67, 21.157, 305.756



95, 8.075, 305.009



72, 10.853, 241.987



50, 5.405, 305.046



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, 21.157, 305.756



82, 31.816, 306.024



69, 23.509, 321.648



38, 6.187, 305.189



22, 90.483, 309.602



2, 19.879, 301.382

Inverse Universe

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



69, 18.784, 339.071



85, 28.112, 339.433



75, 23.370, 139.765



38, 5.538, 338.286



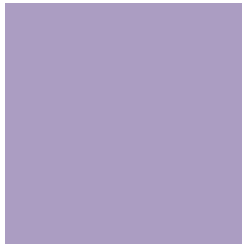
35, 62.615, 350.727



3, 17.137, 344.945

Previews

White Background



This preview shows how the CIELCh color 67, 21.159, 305.757 looks on a white background.

Color Contrast Check

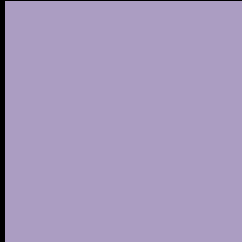
Large Text (above 18pt) WCAG AA × Fail

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, 21.159, 305.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

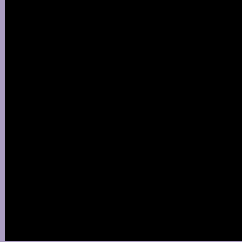
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.159, 305.757

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.159, 305.757.



This preview shows how white text looks on a background with the CIELCh color 67, 21.159, 305.757.

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, 21.159, 305.757

Protanopia

67, 19.428, 285.059

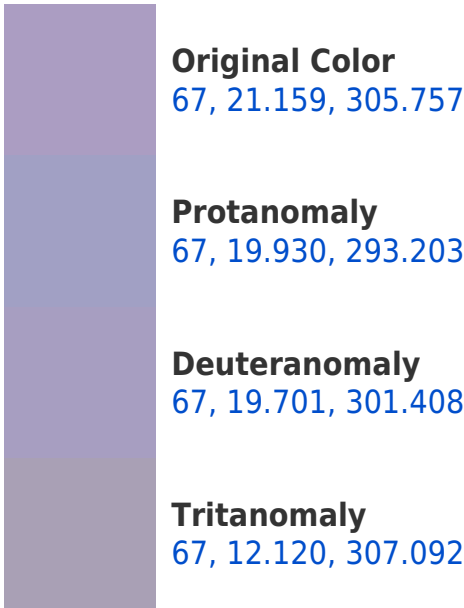
Deuteranopia

67, 18.942, 297.412

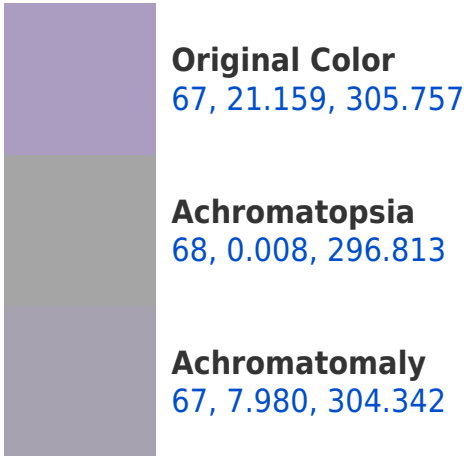


Tritanopia
67, 7.163, 312.193

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.159, 305.757 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(171, 157, 194)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 194)  
}
```

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(171, 157, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.159, 305.757 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(171, 157, 194) }
```

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

```
.border{ border-color:rgb(171, 157, 194) }
```

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

Here you see how a box with a 4 pixel rgb(171, 157, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 194);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.159, 305.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 194) }
```

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

```
.background{ background-color: rgb(171,  
157, 194) }
```

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