

Converting Colors

CIELCh(67, 21.830, 349.139)

Have a look what the booklet for
CIELCh(67, 21.830, 349.139)
contains.

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Color

CIELCh(67, 21.654, 349.468)

Conversions

Conversions Part 1

Format	Color
Hex	C696AB
RGB	198, 150, 171
RGB Percent	78%, 59%, 67%
CMY	0.2246, 0.4127, 0.3304
CMYK	0.00, 0.24, 0.14, 0.22
HSL	334°, 30%, 68%
HSV	334°, 24%, 78%
XYZ	41.4105, 36.6320, 43.2879
YIQ	166.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

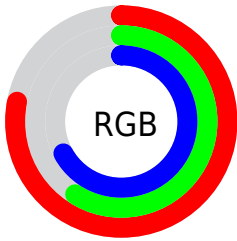
Format	Color
R _Y B	198, 150, 171
Decimal	13014699
CIE Lab	67.00, 21.29, -3.96
CIE LCh	67, 21.654, 349.468
Yxy	36.6320, 0.3413, 0.3019
Android (android.graphics.Color)	4291204779 (0xFFC696AB)
YUV	166.7460, 2.0972, 27.4098
Hunter-Lab	60.5244, 16.2113, -0.0381

Details

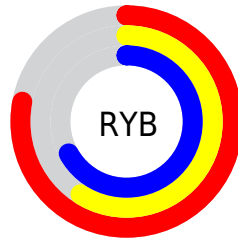
The CIELCh color $67, 21.654, 349.468$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 20.796, 164.918$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.773, 349.410$, and $47, 21.712, 349.770$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.764, 350.668$, and if you desaturate by 10%, it is $72, 12.587, 348.416$.

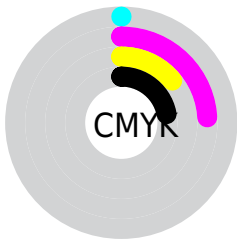
Distribution



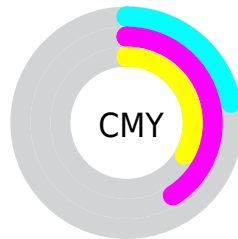
- Red (78%)
- Green (59%)
- Blue (67%)



- Red (78%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.654, 349.468 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, 21.654, 349.468 by changing the saturation by 10% instead.

 67, 21.654,
349.468

 67, 21.654,
349.468

 100, 21.654,
349.468

 57, 21.654,
349.468

 87, 21.654,
349.468

 47, 21.654,
349.468

 97, 21.654,
349.468

 37, 21.654,
349.468

 27, 21.654,
349.468

 17, 21.654,
349.468

 7, 21.654, 349.468

 0, 21.654, 349.468

67, 21.654,
349.468

67, 21.654,
349.468

62, 30.764,
350.668

72, 12.587,
348.416

57, 39.699,
352.064

77, 3.713, 347.413

83, 4.892, 166.787

53, 48.127,
353.731

88, 13.191,
165.981

49, 55.629,
355.774

94, 21.175,
165.283

46, 61.748,
358.331

96, 21.562,
173.384

44, 66.127, 1.572

96, 19.384,

43, 68.702, 5.659

188.419

42, 69.745, 8.277

96, 18.790,
198.264

Harmonies

Complementary

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



67, 21.654, 349.468



76, 20.796, 164.918

Rectangle

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



67, 21.654, 349.468



67, 21.654, 39.468



67, 21.654, 169.468



67, 21.654, 219.468

Sweetspot

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



67, 21.652, 349.470



95, 7.518, 347.711



66, 28.338, 311.887



50, 4.889, 347.772



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, 21.652, 349.470



81, 31.936, 350.069



67, 18.428, 25.168



39, 4.994, 347.935



35, 60.465, 7.518



4, 17.314, 356.724

Inverse Universe

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



67, 21.652, 349.470



81, 31.936, 350.069



76, 15.620, 203.039



39, 4.994, 347.935



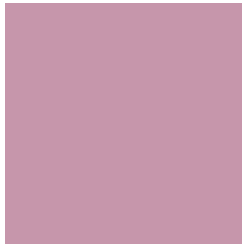
35, 60.465, 7.518



4, 17.314, 356.724

Previews

White Background



This preview shows how the CIELCh color 67, 21.654, 349.468 looks on a white background.

Color Contrast Check

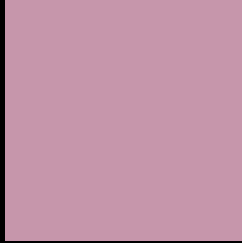
Large Text (above 18pt) WCAG AA × Fail

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, 21.654, 349.468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

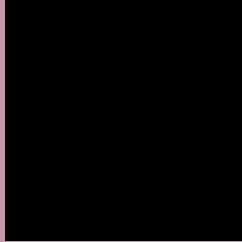
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.654, 349.468

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.654, 349.468.



This preview shows how white text looks on a background with the CIELCh color 67, 21.654, 349.468.

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, 21.654, 349.468

Protanopia

67, 8.847, 291.094

Deuteranopia

67, 9.175, 338.837



Tritanopia
67, 19.072, 1.169

Trichromacy



Original Color
67, 21.654, 349.468

Protanomaly
67, 11.396, 324.946

Deuteranomaly
67, 13.821, 344.029

Tritanomaly
67, 19.587, 356.572

Monochromacy



Original Color
67, 21.654, 349.468

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.180, 347.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.654, 349.468 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(198, 150, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 150, 171)  
}
```

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(198, 150, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 150, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.654, 349.468 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(198, 150, 171) }
```

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

```
.border{ border-color:rgb(198, 150, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 150, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 150, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 150, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 150,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.654, 349.468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 150, 171) }
```

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

```
.background{ background-color: rgb(198,  
150, 171) }
```

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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