

Converting Colors

CIELCh(67, 38.332, 328.110)

Have a look what the booklet for
CIELCh(67, 38.332, 328.110)
contains.

CIELCh(67, 38.118, 327.939)	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, 38.118, 327.939)

Conversions

Conversions Part 1

Format	Color
Hex	CC8FC8
RGB	204, 143, 200
RGB Percent	80%, 56%, 78%
CMY	0.2002, 0.4394, 0.2158
CMYK	0.00, 0.30, 0.02, 0.20
HSL	304°, 37%, 68%
HSV	304°, 30%, 80%
XYZ	45.1266, 36.6320, 59.3098
YIQ	167.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

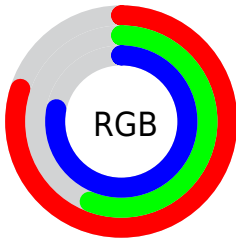
Format	Color
R _Y B	204, 143, 200
Decimal	13406152
CIE Lab	67.00, 32.30, -20.23
CIE LCh	67, 38.118, 327.939
Yxy	36.6320, 0.3199, 0.2597
Android (android.graphics.Color)	4291596232 (0xFFCC8FC8)
YUV	167.7370, 15.9057, 31.8027
Hunter-Lab	60.5244, 27.1709, -15.7332

Details

The CIELCh color $67, 38.118, 327.939$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 38.102, 144.129$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 36.378, 325.689$, and $47, 37.881, 327.962$ is the 20% darker color. If you saturate the color by 10%, you get $63, 50.450, 328.495$, and if you desaturate by 10%, it is $72, 25.398, 327.369$.

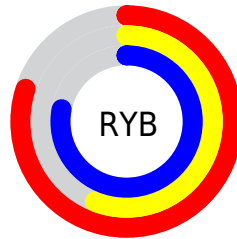
Distribution



Red (80%)

Green (56%)

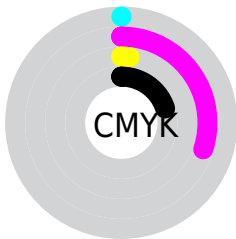
Blue (78%)



Red (80%)

Yellow (56%)

Blue (78%)

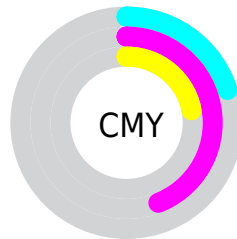


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (20%)



Cyan (20%)


Magenta (44%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 38.118, 327.939 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, 38.118, 327.939 by changing the saturation by 10% instead.


 67, 38.118,
327.939


 67, 38.118,
327.939


 100, 38.118,
327.939


 57, 38.118,
327.939


 87, 38.118,
327.939

 47, 38.118,
327.939


 97, 38.118,
327.939

 37, 38.118,
327.939

 27, 38.118,
327.939

 17, 38.118,
327.939

 7, 38.118, 327.939

 0, 38.118, 327.939

67, 38.118,
327.939

67, 38.118,
327.939

63, 50.450,
328.495

72, 25.398,
327.369

58, 62.013,
329.025

77, 12.589,
326.789

55, 72.323,
329.519

82, 0.111, 148.756

52, 80.862,
329.968

87, 12.573,
145.724

50, 87.176,
330.367

93, 24.721,
145.185

48, 91.013,
330.721

96, 30.300,
145.312


48, 92.723,
331.043

96, 29.747,
146.082

48, 92.737,

96, 29.199,
146.880

331.046

 96, 28.655,
147.706

Harmonies

Complementary

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



67, 38.118, 327.939



77, 38.102, 144.129

Rectangle

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



67, 38.118, 327.939



67, 38.118, 17.939



67, 38.118, 147.939



67, 38.118, 197.939

Sweetspot

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



67, 38.116, 327.939



94, 13.706, 326.743



62, 34.350, 295.480



49, 9.532, 326.829



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, 38.116, 327.939



79, 54.761, 328.306



66, 27.673, 349.368



40, 7.209, 326.759



39, 79.547, 331.002



5, 27.549, 329.719

Inverse Universe

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



67, 38.116, 327.939



79, 54.761, 328.306



77, 26.403, 163.591



40, 7.209, 326.759



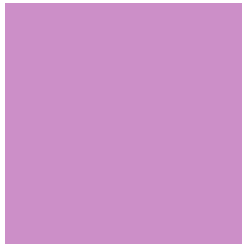
39, 79.547, 331.002



5, 27.549, 329.719

Previews

White Background



This preview shows how the CIELCh color 67, 38.118, 327.939 looks on a white background.

Color Contrast Check

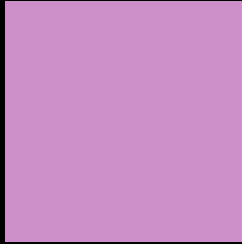
Large Text (above 18pt) WCAG AA × Fail

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, 38.118, 327.939 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, 38.118, 327.939

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.118, 327.939.

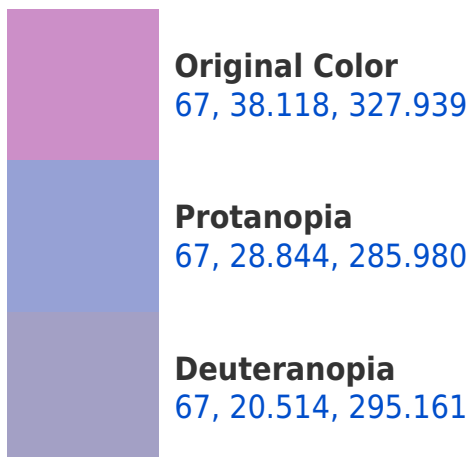


This preview shows how white text looks on a background with the CIELCh color 67, 38.118, 327.939.

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





Tritanopia
67, 20.217, 2.498

Trichromacy



Original Color
67, 38.118, 327.939

Protanomaly
67, 30.525, 303.393

Deuteranomaly
67, 25.896, 311.636

Tritanomaly
67, 25.846, 344.045

Monochromacy



Original Color
67, 38.118, 327.939

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 14.229, 326.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.118, 327.939 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(204, 143, 200)` looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 200)  
}
```

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(204, 143, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.118, 327.939 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(204, 143, 200) }
```

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

```
.border{ border-color:rgb(204, 143, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 200);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.118, 327.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 200) }
```

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

```
.background{ background-color: rgb(204,  
143, 200) }
```

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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