

Converting Colors

CIELCh(67, 39.492, 327.322)

Have a look what the booklet for
CIELCh(67, 39.492, 327.322)
contains.

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Color

CIELCh(67, 39.797, 327.451)

Conversions

Conversions Part 1

Format	Color
Hex	CD8ECA
RGB	205, 142, 202
RGB Percent	80%, 56%, 79%
CMY	0.1957, 0.4428, 0.2075
CMYK	0.00, 0.31, 0.01, 0.20
HSL	303°, 39%, 68%
HSV	303°, 31%, 80%
XYZ	45.5590, 36.6320, 60.6020
YIQ	167.6770, 18.2880, 32.0160

Conversions

Conversions Part 2

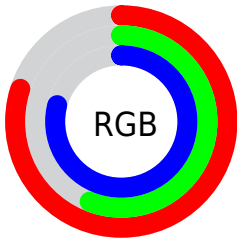
Format	Color
R _Y B	205, 142, 202
Decimal	13471434
CIE Lab	67.00, 33.55, -21.41
CIE LCh	67, 39.797, 327.451
Yxy	36.6320, 0.3191, 0.2565
Android (android.graphics.Color)	4291661514 (0xFFCD8ECA)
YUV	167.6770, 16.9212, 32.7323
Hunter-Lab	60.5244, 28.4461, -16.9990

Details

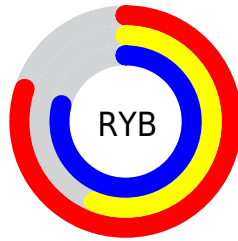
The CIELCh color $67, 39.797, 327.451$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 39.793, 143.558$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 37.005, 325.710$, and $47, 39.612, 327.461$ is the 20% darker color. If you saturate the color by 10%, you get $63, 52.283, 327.991$, and if you desaturate by 10%, it is $72, 26.886, 326.892$.

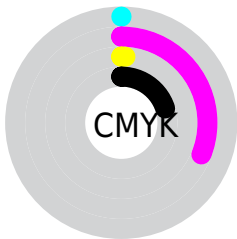
Distribution



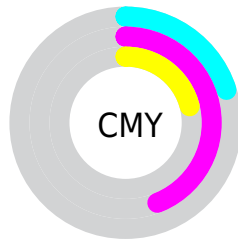
- Red (80%)
- Green (56%)
- Blue (79%)



- Red (80%)
- Yellow (56%)
- Blue (79%)



- Cyan (0%)
- Magenta (31%)
- Yellow (1%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 39.797, 327.451 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, 39.797, 327.451 by changing the saturation by 10% instead.


 67, 39.797,
327.451


 67, 39.797,
327.451


 100, 39.797,
327.451


 57, 39.797,
327.451


 87, 39.797,
327.451

 47, 39.797,
327.451

 97, 39.797,
327.451

 37, 39.797,
327.451

 27, 39.797,
327.451

 17, 39.797,
327.451

 7, 39.797, 327.451

 0, 39.797, 327.451

67, 39.797,
327.451

67, 39.797,
327.451

63, 52.283,
327.991

72, 26.886,
326.892

58, 63.948,
328.499

77, 13.861,
326.321

55, 74.301,
328.963

82, 0.931, 325.489

52, 82.822,
329.372

87, 11.767,
145.262

50, 89.071,
329.720

93, 24.150,
144.723

49, 92.826,
330.008

96, 30.070,
144.734

48, 94.450,
330.237

96, 29.663,
145.291

96, 29.259,
145.863

■ 96, 28.857,
146.450

Harmonies

Complementary

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



67, 39.797, 327.451



77, 39.793, 143.558

Rectangle

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



67, 39.797, 327.451



67, 39.797, 17.451



67, 39.797, 147.451



67, 39.797, 197.451

Sweetspot

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



67, 39.795, 327.451



94, 13.876, 326.227



61, 35.495, 295.053



49, 9.650, 326.313



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, 39.795, 327.451



78, 56.909, 327.818



66, 28.835, 348.462



40, 7.298, 326.243



39, 80.666, 330.205



5, 27.953, 329.081

Inverse Universe

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



67, 39.795, 327.451



78, 56.909, 327.818



78, 27.579, 162.574



40, 7.298, 326.243



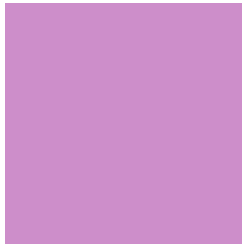
39, 80.666, 330.205



5, 27.953, 329.081

Previews

White Background



This preview shows how the CIELCh color 67, 39.797, 327.451 looks on a white background.

Color Contrast Check

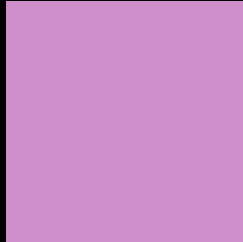
Large Text (above 18pt) WCAG AA × Fail

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, 39.797, 327.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

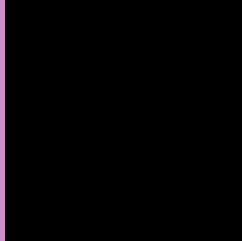
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.797, 327.451

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.797, 327.451.

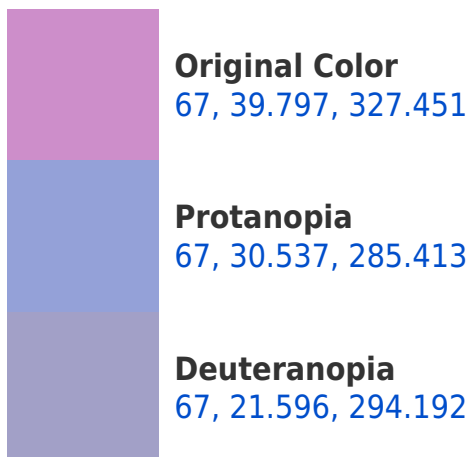


This preview shows how white text looks on a background with the CIELCh color 67, 39.797, 327.451.

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, 20.471, 4.388

Trichromacy



Original Color
67, 39.797, 327.451



Protanomaly
67, 32.092, 302.345



Deuteranomaly
67, 27.583, 311.248



Tritanomaly
67, 26.142, 344.613

Monochromacy



Original Color
67, 39.797, 327.451



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, 39.797, 327.451 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(205, 142, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 142, 202)  
}
```

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(205, 142, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 142, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.797, 327.451 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(205, 142, 202) }
```

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

```
.border{ border-color:rgb(205, 142, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 142, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 142, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 142, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 142,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.797, 327.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 142, 202) }
```

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

```
.background{ background-color: rgb(205,  
142, 202) }
```

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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