

Converting Colors

CIELCh(67, 39.647, 326.165)

Have a look what the booklet for
CIELCh(67, 39.647, 326.165)
contains.

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Color

CIELCh(67, 39.227, 326.036)

Conversions

Conversions Part 1

Format	Color
Hex	CB8FCB
RGB	203, 143, 203
RGB Percent	80%, 56%, 80%
CMY	0.2041, 0.4394, 0.2041
CMYK	0.00, 0.30, 0.00, 0.20
HSL	300°, 37%, 68%
HSV	300°, 30%, 80%
XYZ	45.2065, 36.6320, 61.1600
YIQ	167.7800, 16.5000, 31.3800

Conversions

Conversions Part 2

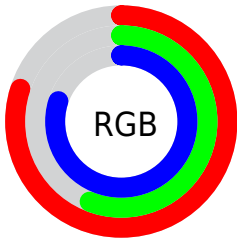
Format	Color
R _Y B	203, 143, 203
Decimal	13340619
CIE Lab	67.00, 32.53, -21.92
CIE LCh	67, 39.227, 326.036
Yxy	36.6320, 0.3161, 0.2562
Android (android.graphics.Color)	4291530699 (0xFFCB8FCB)
YUV	167.7800, 17.3635, 30.8879
Hunter-Lab	60.5244, 27.4066, -17.5457

Details

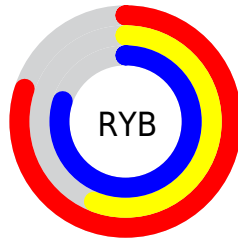
The CIELCh color $67, 39.227, 326.036$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 39.229, 142.391$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 36.378, 325.689$, and $47, 39.073, 325.928$ is the 20% darker color. If you saturate the color by 10%, you get $63, 52.069, 326.546$, and if you desaturate by 10%, it is $72, 25.987, 325.499$.

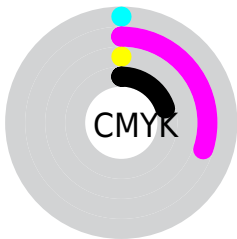
Distribution



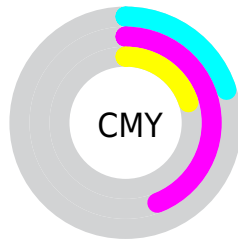
- Red (80%)
- Green (56%)
- Blue (80%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (20%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 39.227, 326.036 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, 39.227, 326.036 by changing the saturation by 10% instead.

 67, 39.227,
326.036


 67, 39.227,
326.036


 100, 39.227,
326.036


 57, 39.227,
326.036

 87, 39.227,
326.036

 47, 39.227,
326.036

 97, 39.227,
326.036

 37, 39.227,
326.036

 27, 39.227,
326.036

 17, 39.227,
326.036

 7, 39.227, 326.036

 0, 39.227, 326.036

67, 39.227,
326.036

67, 39.227,
326.036

63, 52.069,
326.546

72, 25.987,
325.499

59, 64.125,
327.014

77, 12.653,
324.943

55, 74.912,
327.421

82, 0.568, 144.878

52, 83.919,
327.753

87, 13.542,
143.904

50, 90.705,
327.999

93, 26.185,
143.378

49, 95.033,
328.152

95, 32.618,
143.116


48, 97.223,
328.230

95, 32.618,
143.116

48, 97.306,

95, 32.618,
143.116

328.232

 95, 32.618,
143.116

Harmonies

Complementary

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



67, 39.227, 326.036



76, 39.229, 142.391

Rectangle

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



67, 39.227, 326.036



67, 39.227, 16.036



67, 39.227, 146.036



67, 39.227, 196.036

Sweetspot

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



67, 39.225, 326.036



94, 14.333, 324.918



62, 33.169, 293.161



50, 9.968, 325.001



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, 39.225, 326.036



79, 55.682, 326.342



66, 28.327, 345.444



40, 7.538, 324.934



39, 83.711, 328.232



5, 29.042, 327.497

Inverse Universe

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



65, 24.516, 21.846



77, 35.691, 22.614



77, 27.398, 160.065



40, 4.369, 19.925



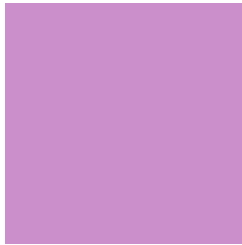
34, 75.553, 39.823



4, 17.910, 19.405

Previews

White Background



This preview shows how the CIELCh color 67, 39.227, 326.036 looks on a white background.

Color Contrast Check

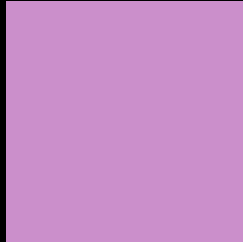
Large Text (above 18pt) WCAG AA × Fail

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, 39.227, 326.036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

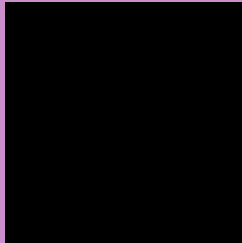
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.227, 326.036

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.227, 326.036.




This preview shows how white text looks on a background with the CIELCh color 67, 39.227, 326.036.

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, 18.930, 2.755

Trichromacy



Original Color
67, 39.227, 326.036



Protanomaly
67, 32.043, 301.746



Deuteranomaly
67, 27.250, 309.095



Tritanomaly
67, 24.946, 342.259

Monochromacy



Original Color
67, 39.227, 326.036



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 14.675, 325.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.227, 326.036 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(203, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 143, 203)  
}
```

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(203, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 143, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.227, 326.036 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(203, 143, 203) }
```

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

```
.border{ border-color:rgb(203, 143, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 143, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 143,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.227, 326.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 143, 203) }
```

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

```
.background{ background-color: rgb(203,  
143, 203) }
```

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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