

Converting Colors

CIELCh(67, 49.203, 323.538)

Have a look what the booklet for
CIELCh(67, 49.203, 323.538)
contains.

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Color

CIELCh(67, 49.118, 323.745)

Conversions

Conversions Part 1

Format	Color
Hex	D18AD8
RGB	209, 138, 216
RGB Percent	82%, 54%, 85%
CMY	0.1809, 0.4593, 0.1534
CMYK	0.03, 0.36, 0.00, 0.15
HSL	295°, 50%, 69%
HSV	295°, 36%, 85%
XYZ	47.7094, 36.6320, 69.4381
YIQ	168.1210, 17.2780, 39.3100

Conversions

Conversions Part 2

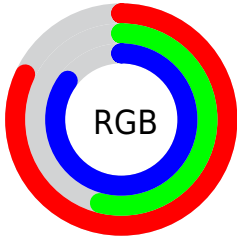
Format	Color
R _Y B	209, 138, 216
Decimal	13732568
CIE Lab	67.00, 39.61, -29.05
CIE LCh	67, 49.118, 323.745
Yxy	36.6320, 0.3102, 0.2382
Android (android.graphics.Color)	4291922648 (0xFFD18AD8)
YUV	168.1210, 23.6043, 35.8509
Hunter-Lab	60.5244, 34.7882, -25.6549

Details

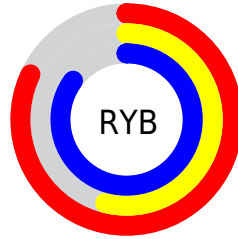
The CIELCh color $67, 49.118, 323.745$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $80, 48.845, 139.685$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 38.882, 325.774$, and $47, 49.257, 323.639$ is the 20% darker color. If you saturate the color by 10%, you get $62, 62.079, 324.172$, and if you desaturate by 10%, it is $72, 35.615, 323.276$.

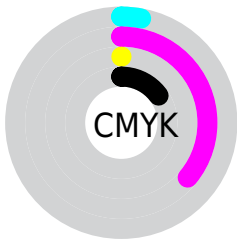
Distribution



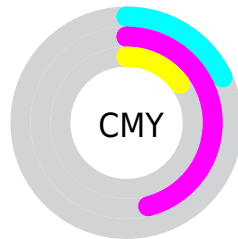
- Red (82%)
- Green (54%)
- Blue (85%)



- Red (82%)
- Yellow (54%)
- Blue (85%)



- Cyan (3%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)




- Cyan (18%)
- Magenta (46%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 49.118, 323.745 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, 49.118, 323.745 by changing the saturation by 10% instead.


 67, 49.118,
323.745


 67, 49.118,
323.745

 100, 49.118,
323.745

 57, 49.118,
323.745


 87, 49.118,
323.745

 47, 49.118,
323.745

 97, 49.118,
323.745

 37, 49.118,
323.745

 27, 49.118,
323.745

 17, 49.118,
323.745

 7, 49.118, 323.745

 0, 49.118, 323.745

67, 49.118,
323.745

67, 49.118,
323.745

62, 62.079,
324.172

72, 35.615,
323.276

58, 74.047,
324.533

77, 21.921,
322.783

54, 84.474,
324.799

83, 8.275, 322.271

52, 92.798,
324.944

88, 5.164, 141.864

50, 98.582,
324.945

94, 18.301,
141.359


48, 101.709,
324.791

97, 23.560,
140.389

48, 102.511,
324.708

97, 23.194,
139.004

97, 22.841,
137.567

 97, 22.502,
136.079

Harmonies

Complementary

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



67, 49.118, 323.745



80, 48.845, 139.685

Rectangle

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



67, 49.118, 323.745



67, 49.118, 13.745



67, 49.118, 143.745



67, 49.118, 193.745

Sweetspot

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



67, 49.116, 323.745



93, 17.065, 322.530



62, 39.353, 290.821



49, 11.476, 322.599



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, 49.116, 323.745



74, 66.484, 324.061



67, 38.330, 341.701



42, 7.635, 322.444



38, 86.096, 324.763



6, 32.376, 324.844

Inverse Universe

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



66, 31.864, 15.946



72, 44.225, 17.221



80, 37.417, 155.353



42, 4.573, 12.682



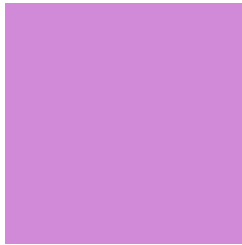
35, 73.677, 36.098



5, 21.965, 15.763

Previews

White Background



This preview shows how the CIELCh color 67, 49.118, 323.745 looks on a white background.

Color Contrast Check

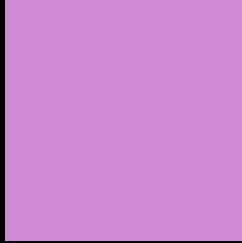
Large Text (above 18pt) WCAG AA × Fail

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, 49.118, 323.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

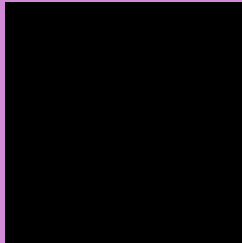
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 49.118, 323.745

Background



This preview shows how black text looks on a background with the CIELCh color 67, 49.118, 323.745.

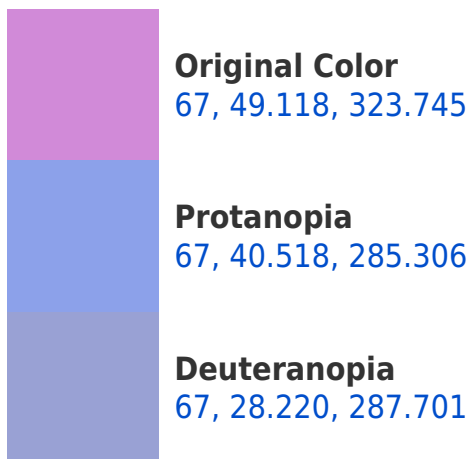


This preview shows how white text looks on a background with the CIELCh color 67, 49.118, 323.745.

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, 21.375, 3.706

Trichromacy



Original Color
67, 49.118, 323.745



Protanomaly
67, 41.249, 299.526



Deuteranomaly
67, 34.029, 304.826

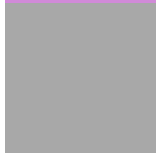


Tritanomaly
67, 29.543, 340.487

Monochromacy



Original Color
67, 49.118, 323.745



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 18.233, 323.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 49.118, 323.745 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(209, 138, 216)` looks like.

```
.text, #text, p{  
    color:rgb(209, 138, 216)  
}
```

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(209, 138, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 138, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 49.118, 323.745 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(209, 138, 216) }
```

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

```
.border{ border-color:rgb(209, 138, 216) }
```

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

Here you see how a box with a 4 pixel rgb(209, 138, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 138, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 138, 216);  
box-shadow:4px 4px 4px 4px rgb(209, 138,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 49.118, 323.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 138, 216) }
```

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

```
.background{ background-color: rgb(209,  
138, 216) }
```

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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