

Converting Colors

CIELCh(67, 48.170, 323.354)

Have a look what the booklet for
CIELCh(67, 48.170, 323.354)
contains.

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Color

CIELCh(67, 47.895, 323.640)

Conversions

Conversions Part 1

Format	Color
Hex	D08BD7
RGB	208, 139, 215
RGB Percent	82%, 55%, 84%
CMY	0.1856, 0.4561, 0.1581
CMYK	0.03, 0.35, 0.00, 0.16
HSL	294°, 49%, 69%
HSV	294°, 35%, 84%
XYZ	47.3364, 36.6320, 68.6515
YIQ	168.2950, 16.7280, 38.2640

Conversions

Conversions Part 2

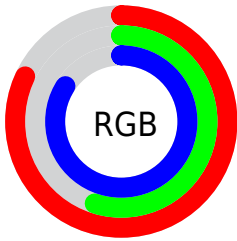
Format	Color
R _Y B	208, 139, 215
Decimal	13667287
CIE Lab	67.00, 38.57, -28.39
CIE LCh	67, 47.895, 323.640
Yxy	36.6320, 0.3102, 0.2400
Android (android.graphics.Color)	4291857367 (0xFFD08BD7)
YUV	168.2950, 23.0256, 34.8213
Hunter-Lab	60.5244, 33.6882, -24.8843

Details

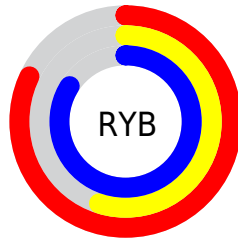
The CIELCh color $67, 47.895, 323.640$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 47.620, 139.687$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $47, 48.032, 323.513$ is the 20% darker color. If you saturate the color by 10%, you get $62, 60.851, 324.070$, and if you desaturate by 10%, it is $72, 34.432, 323.170$.

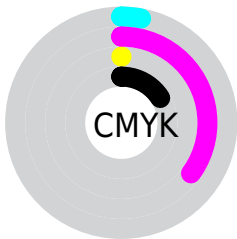
Distribution



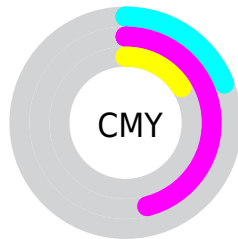
- Red (82%)
- Green (55%)
- Blue (84%)



- Red (82%)
- Yellow (55%)
- Blue (84%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (46%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 47.895, 323.640 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, 47.895, 323.640 by changing the saturation by 10% instead.


 67, 47.895,
323.640


 67, 47.895,
323.640

 100, 47.895,
323.640


 57, 47.895,
323.640

 87, 47.895,
323.640

 47, 47.895,
323.640

 97, 47.895,
323.640

 37, 47.895,
323.640

 27, 47.895,
323.640

 17, 47.895,
323.640

 7, 47.895, 323.640

 0, 47.895, 323.640

67, 47.895,
323.640

67, 47.895,
323.640

62, 60.851,
324.070

72, 34.432,
323.170

58, 72.862,
324.435

77, 20.804,
322.677

54, 83.387,
324.708

83, 7.239, 322.163

51, 91.862,
324.860

88, 6.110, 141.755

94, 19.153,
141.260

49, 97.835,
324.868


97, 24.265,
140.292

48, 101.148,
324.720

97, 23.891,
138.919

48, 102.107,
324.618

97, 23.531,
137.495

 97, 23.185,
136.021

Harmonies

Complementary

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



67, 47.895, 323.640



80, 47.620, 139.687

Rectangle

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



67, 47.895, 323.640



67, 47.895, 13.640



67, 47.895, 143.640



67, 47.895, 193.640

Sweetspot

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



67, 47.893, 323.640



93, 17.053, 322.462



63, 38.322, 290.685



49, 11.468, 322.531



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, 47.893, 323.640



75, 64.982, 323.947



67, 37.393, 341.626



42, 7.629, 322.376



38, 86.115, 324.673



6, 32.359, 324.757

Inverse Universe

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



66, 31.007, 15.645



73, 43.082, 16.850



80, 36.513, 155.438



42, 4.575, 12.491



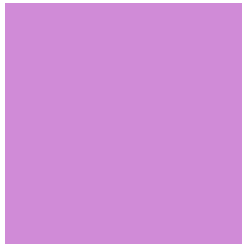
35, 73.574, 35.979



5, 21.966, 15.657

Previews

White Background



This preview shows how the CIELCh color 67, 47.895, 323.640 looks on a white background.

Color Contrast Check

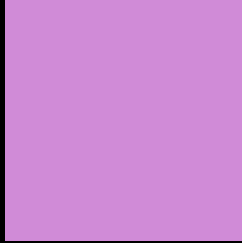
Large Text (above 18pt) WCAG AA × Fail

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, 47.895, 323.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

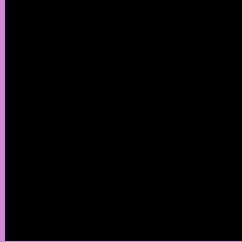
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 47.895, 323.640

Background



This preview shows how black text looks on a background with the CIELCh color 67, 47.895, 323.640.

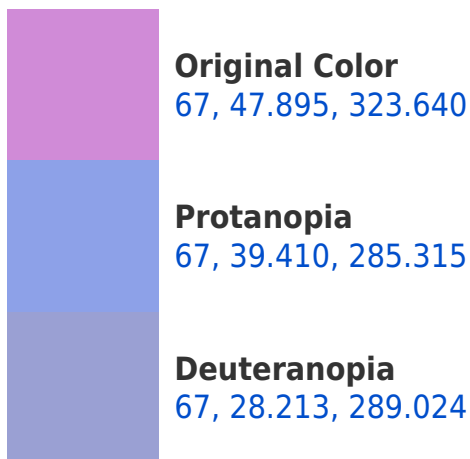


This preview shows how white text looks on a background with the CIELCh color 67, 47.895, 323.640.

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, 47.895, 323.640



Protanomaly
67, 40.705, 299.564



Deuteranomaly
67, 34.197, 305.963



Tritanomaly
67, 28.639, 340.221

Monochromacy



Original Color
67, 47.895, 323.640



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 18.045, 322.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 47.895, 323.640 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(208, 139, 215)` looks like.

```
.text, #text, p{  
    color:rgb(208, 139, 215)  
}
```

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(208, 139, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 139, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 47.895, 323.640 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(208, 139, 215) }
```

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

```
.border{ border-color:rgb(208, 139, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 139, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 139, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 139, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 139,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 47.895, 323.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 139, 215) }
```

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

```
.background{ background-color: rgb(208,  
139, 215) }
```

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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