

Converting Colors

CIELCh(67, 38.720, 317.135)

Have a look what the booklet for
CIELCh(67, 38.720, 317.135)
contains.

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Color

CIELCh(67, 38.687, 317.130)

Conversions

Conversions Part 1

Format	Color
Hex	C093D3
RGB	192, 147, 211
RGB Percent	75%, 58%, 83%
CMY	0.2482, 0.4246, 0.1738
CMYK	0.09, 0.30, 0.00, 0.17
HSL	282°, 42%, 70%
HSV	282°, 30%, 83%
XYZ	43.7693, 36.6320, 66.1900
YIQ	167.7510, 6.2760, 29.4440

Conversions

Conversions Part 2

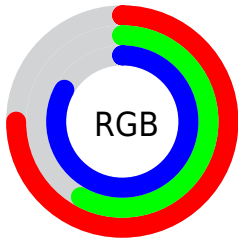
Format	Color
R_{YB}	192, 147, 211
Decimal	12620755
CIE _{Lab}	67.00, 28.35, -26.32
CIE _{LCh}	67, 38.687, 317.130
Yxy	36.6320, 0.2986, 0.2499
Android (android.graphics.Color)	4290810835 (0xFFC093D3)
YUV	167.7510, 21.3218, 21.2664
Hunter-Lab	60.5244, 23.1679, -22.4730

Details

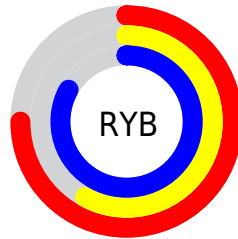
The CIELCh color $67, 38.687, 317.130$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 37.829, 134.375$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 32.825, 322.420$, and $47, 38.426, 317.342$ is the 20% darker color. If you saturate the color by 10%, you get $62, 51.548, 317.550$, and if you desaturate by 10%, it is $73, 25.771, 316.691$.

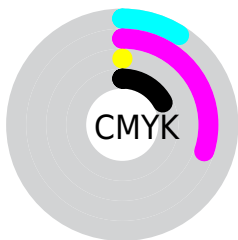
Distribution



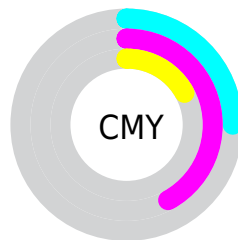
- Red (75%)
- Green (58%)
- Blue (83%)



- Red (75%)
- Yellow (58%)
- Blue (83%)



- Cyan (9%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





- Cyan (25%)
- Magenta (42%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 38.687, 317.130 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, 38.687, 317.130 by changing the saturation by 10% instead.


 67, 38.687,
317.130


 67, 38.687,
317.130


 100, 38.687,
317.130


 57, 38.687,
317.130


 87, 38.687,
317.130

 47, 38.687,
317.130

 97, 38.687,
317.130

 37, 38.687,
317.130

 27, 38.687,
317.130

 17, 38.687,
317.130

 7, 38.687, 317.130

 0, 38.687, 317.130

67, 38.687,
317.130

67, 38.687,
317.130

62, 51.548,
317.550

73, 25.771,
316.691

56, 64.067,
317.923

78, 12.993,
316.250

52, 75.816,
318.207

84, 0.462, 315.440

47, 86.223,
318.348

90, 11.759,
135.470

44, 94.625,
318.283

96, 23.642,
135.097


41, 100.429,
317.948

97, 24.427,
131.105

40, 103.683,
317.379

98, 23.601,
126.127

98, 22.970,
120.762

 98, 22.558,
115.081

Harmonies

Complementary

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



67, 38.687, 317.130



80, 37.829, 134.375

Rectangle

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



67, 38.687, 317.130



67, 38.687, 7.130



67, 38.687, 137.130



67, 38.687, 187.130

Sweetspot

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



67, 38.685, 317.130



94, 13.154, 316.194



68, 25.225, 278.313



49, 9.154, 316.259



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, 38.685, 317.130



76, 53.656, 317.387



69, 36.232, 332.478



41, 7.061, 316.208



31, 87.640, 317.526



4, 28.373, 316.063

Inverse Universe

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



68, 26.854, 359.544



77, 37.435, 0.444



79, 36.077, 148.215



41, 4.804, 357.007



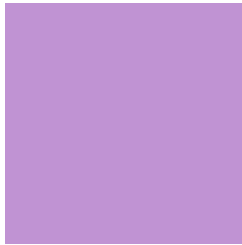
35, 64.183, 20.954



4, 20.484, 5.709

Previews

White Background



This preview shows how the CIELCh color 67, 38.687, 317.130 looks on a white background.

Color Contrast Check

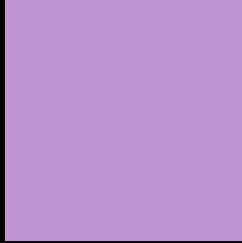
Large Text (above 18pt) WCAG AA × Fail

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, 38.687, 317.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

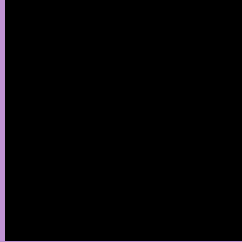
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 38.687, 317.130

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.687, 317.130.



This preview shows how white text looks on a background with the CIELCh color 67, 38.687, 317.130.

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



Original Color
67, 38.687, 317.130

Protanopia
67, 33.311, 285.380

Deuteranopia
67, 26.541, 289.992



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 38.687, 317.130

Protanomaly
67, 33.906, 297.419

Deuteranomaly
67, 30.382, 302.111

Tritanomaly
67, 21.514, 328.786

Monochromacy



Original Color
67, 38.687, 317.130

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 14.051, 316.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.687, 317.130 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(192, 147, 211)` looks like.

```
.text, #text, p{  
    color:rgb(192, 147, 211)  
}
```

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(192, 147, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 147, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.687, 317.130 is called "border". The border property can be set on classes, ids or directly on the HTML element.

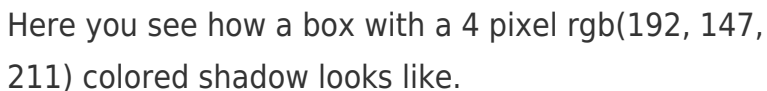
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 147, 211) }
```

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

```
.border{ border-color:rgb(192, 147, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 147, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 147, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 147, 211); box-shadow:4px 4px 4px 4px rgb(192, 147, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.687, 317.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 147, 211) }
```

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

```
.background{ background-color: rgb(192,  
147, 211) }
```

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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