

Converting Colors

CIELCh(67, 51.281, 321.081)

Have a look what the booklet for
CIELCh(67, 51.281, 321.081)
contains.

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Color

CIELCh(67, 51.572, 321.134)

Conversions

Conversions Part 1

Format	Color
Hex	CF8ADE
RGB	207, 138, 222
RGB Percent	81%, 54%, 87%
CMY	0.1889, 0.4595, 0.1301
CMYK	0.07, 0.38, 0.00, 0.13
HSL	289°, 56%, 71%
HSV	289°, 38%, 87%
XYZ	47.9065, 36.6320, 73.5260
YIQ	168.2070, 14.1600, 40.7520

Conversions

Conversions Part 2

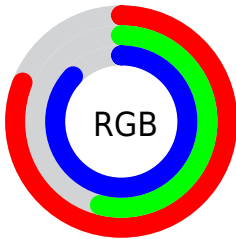
Format	Color
RYB	207, 138, 222
Decimal	13601502
CIELab	67.00, 40.15, -32.36
CIELCh	67, 51.572, 321.134
Yxy	36.6320, 0.3031, 0.2318
Android (android.graphics.Color)	4291791582 (0xFFCF8ADE)
YUV	168.2070, 26.5199, 34.0215
Hunter-Lab	60.5244, 35.3694, -29.6595

Details

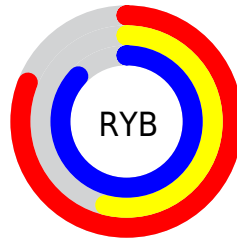
The CIELCh color $67, 51.572, 321.134$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $82, 50.845, 137.287$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 38.882, 325.774$, and $47, 51.900, 320.923$ is the 20% darker color. If you saturate the color by 10%, you get $62, 64.692, 321.519$, and if you desaturate by 10%, it is $72, 37.974, 320.702$.

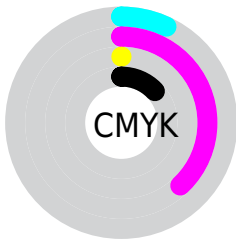
Distribution



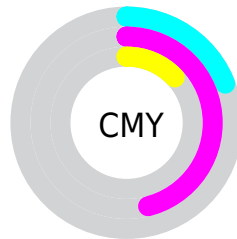
- Red (81%)
- Green (54%)
- Blue (87%)



- Red (81%)
- Yellow (54%)
- Blue (87%)



- Cyan (7%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)





- Cyan (19%)
- Magenta (46%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.572, 321.134 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, 51.572, 321.134 by changing the saturation by 10% instead.


 67, 51.572,
321.134


 67, 51.572,
321.134


 100, 51.572,
321.134


 57, 51.572,
321.134


 87, 51.572,
321.134

 47, 51.572,
321.134

 97, 51.572,
321.134

 37, 51.572,
321.134

 27, 51.572,
321.134

 17, 51.572,
321.134

 7, 51.572, 321.134

 0, 51.572, 321.134

67, 51.572,
321.134

67, 51.572,
321.134

62, 64.692,
321.519

72, 37.974,
320.702

57, 76.881,
321.825

78, 24.239,
320.246

53, 87.562,
322.013

84, 10.588,
319.779

50, 96.112,
322.040

90, 2.837, 139.437

48, 102.019,
321.868

96, 15.950,
138.943

46, 105.190,
321.481

98, 19.082,
136.274

46, 105.709,
321.387

98, 18.448,
132.471

98, 17.900,
128.379

■ 98, 17.450,
124.015

Harmonies

Complementary

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



67, 51.572, 321.134



82, 50.845, 137.287

Rectangle

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



67, 51.572, 321.134



67, 51.572, 11.134



67, 51.572, 141.134



67, 51.572, 191.134

Sweetspot

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



67, 51.570, 321.134



93, 16.632, 319.931



65, 38.291, 287.059



49, 11.187, 319.995



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, 51.570, 321.134



72, 68.290, 321.428



68, 43.316, 337.860



43, 7.584, 319.853



36, 87.922, 321.492



5, 33.685, 321.892

Inverse Universe

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



66, 34.347, 9.471



71, 46.262, 10.874



82, 42.752, 151.664



43, 4.761, 5.700



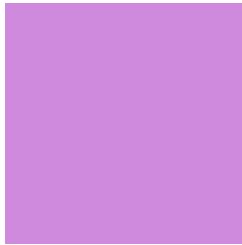
36, 70.411, 30.746



5, 23.730, 12.549

Previews

White Background



This preview shows how the CIELCh color 67, 51.572, 321.134 looks on a white background.

Color Contrast Check

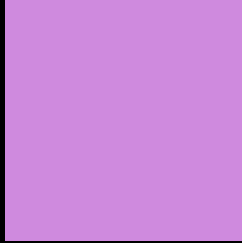
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 51.572, 321.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

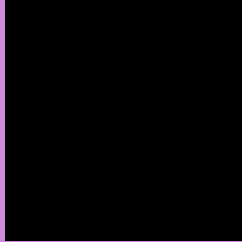
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 51.572, 321.134

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.572, 321.134.

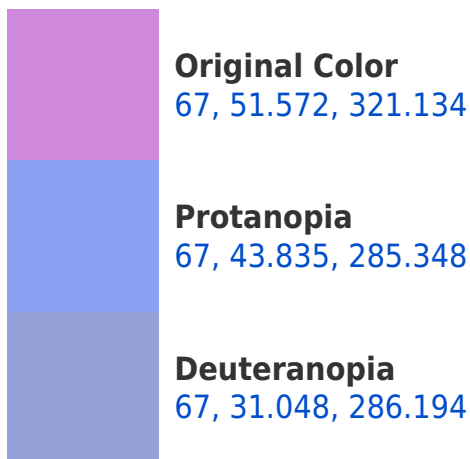


This preview shows how white text looks on a background with the CIELCh color 67, 51.572, 321.134.

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, 19.841, 2.075

Trichromacy



Original Color
67, 51.572, 321.134



Protanomaly
67, 44.444, 298.140



Deuteranomaly
67, 37.094, 302.434

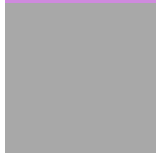


Tritanomaly
67, 29.164, 336.629

Monochromacy



Original Color
67, 51.572, 321.134



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 19.462, 319.723

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.572, 321.134 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(207, 138, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 222)  
}
```

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(207, 138, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.572, 321.134 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(207, 138, 222) }
```

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

```
.border{ border-color:rgb(207, 138, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 138, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 138, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 138, 222); box-shadow:4px 4px 4px 4px rgb(207, 138, 222) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.572, 321.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 222) }
```

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

```
.background{ background-color: rgb(207,  
138, 222) }
```

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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