

Converting Colors

CIELCh(67, 61.421, 324.868)

Have a look what the booklet for
CIELCh(67, 61.421, 324.868)
contains.

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Color

CIELCh(67, 61.100, 324.916)

Conversions

Conversions Part 1

Format	Color
Hex	DD81E3
RGB	221, 129, 227
RGB Percent	87%, 51%, 89%
CMY	0.1332, 0.4940, 0.1097
CMYK	0.03, 0.43, 0.00, 0.11
HSL	296°, 64%, 70%
HSV	296°, 43%, 89%
XYZ	51.5506, 36.6320, 77.0471
YIQ	167.6800, 23.3740, 49.9820

Conversions

Conversions Part 2

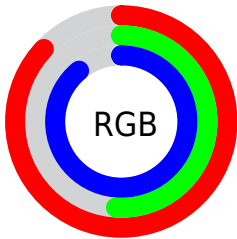
Format	Color
RYB	221, 129, 227
Decimal	14516707
CIELab	67.00, 50.00, -35.12
CIELCh	67, 61.100, 324.916
Yxy	36.6320, 0.3120, 0.2217
Android (android.graphics.Color)	4292706787 (0xFFDD81E3)
YUV	167.6800, 29.2448, 46.7616
Hunter-Lab	60.5244, 46.1168, -33.1087

Details

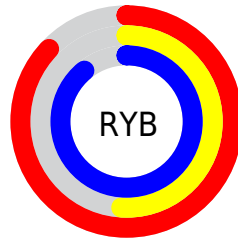
The CIELCh color **67, 61.100, 324.916** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **83, 60.954, 139.740**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 44.490, 325.965**, and **47, 60.993, 324.982** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.880, 325.317**, and if you desaturate by 10%, it is **72, 47.366, 324.458**.

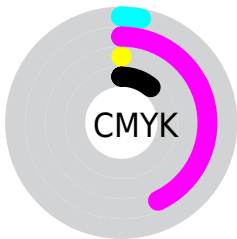
Distribution



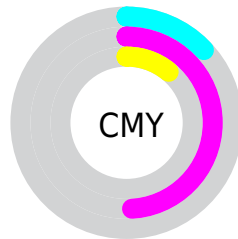
- Red (87%)
- Green (51%)
- Blue (89%)



- Red (87%)
- Yellow (51%)
- Blue (89%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (11%)





- Cyan (13%)
- Magenta (49%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 61.100, 324.916 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, 61.100, 324.916 by changing the saturation by 10% instead.


 67, 61.100,
324.916


 67, 61.100,
324.916


 100, 61.100,
324.916


 57, 61.100,
324.916


 87, 61.100,
324.916

 47, 61.100,
324.916

 97, 61.100,
324.916

 37, 61.100,
324.916

 27, 61.100,
324.916

 17, 61.100,
324.916

 7, 61.100, 324.916

 0, 61.100, 324.916

67, 61.100,
324.916

67, 61.100,
324.916

63, 73.880,
325.317

72, 47.366,
324.458

59, 85.160,
325.637

77, 33.143,
323.964

56, 94.353,
325.852

83, 18.770,
323.450

53, 100.978,
325.942

88, 4.485, 322.894

94, 9.556, 142.481


52, 104.834,
325.898

98, 16.995,
141.598

52, 106.219,
325.807

98, 16.729,
140.227

98, 16.471,
138.807

 98, 16.224,
137.338

Harmonies

Complementary

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



67, 61.100, 324.916



83, 60.954, 139.740

Rectangle

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



67, 61.100, 324.916



67, 61.100, 14.916



67, 61.100, 144.916



67, 61.100, 194.916

Sweetspot

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



67, 61.098, 324.916



92, 20.365, 323.445



60, 51.647, 293.615



48, 14.267, 323.561



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, 61.098, 324.916



70, 79.556, 325.287



66, 46.486, 344.248



45, 8.151, 323.255



40, 88.730, 325.844



8, 37.203, 326.205

Inverse Universe

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



65, 40.566, 19.349



67, 54.858, 21.279



83, 44.975, 156.007



45, 4.825, 14.985



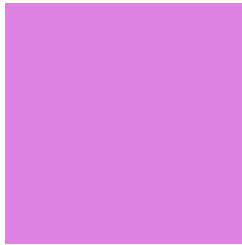
37, 77.428, 37.512



6, 26.915, 19.232

Previews

White Background



This preview shows how the CIELCh color 67, 61.100, 324.916 looks on a white background.

Color Contrast Check

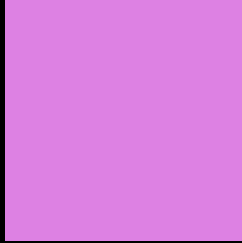
Large Text (above 18pt) WCAG AA × Fail

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, 61.100, 324.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

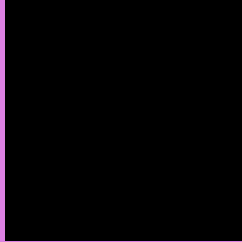
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 61.100, 324.916

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.100, 324.916.

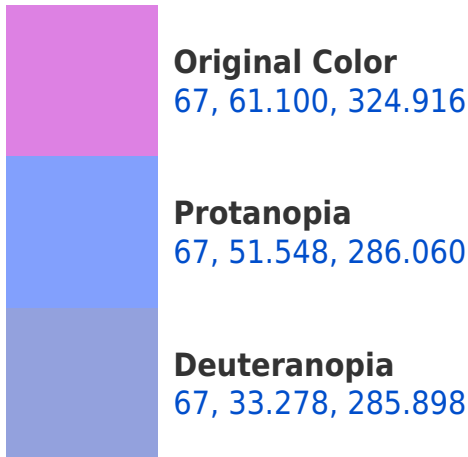


This preview shows how white text looks on a background with the CIELCh color 67, 61.100, 324.916.

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, 27.227, 9.545

Trichromacy



Original Color
67, 61.100, 324.916



Protanomaly
66, 52.872, 299.844



Deuteranomaly
66, 41.969, 305.362

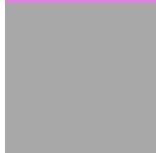


Tritanomaly
67, 36.593, 343.401

Monochromacy



Original Color
67, 61.100, 324.916



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 22.828, 323.832

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.100, 324.916 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(221, 129, 227)` looks like.

```
.text, #text, p{  
    color:rgb(221, 129, 227)  
}
```

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(221, 129, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 129, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.100, 324.916 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(221, 129, 227) }
```

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

```
.border{ border-color:rgb(221, 129, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 129, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 129, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 129, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 129,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.100, 324.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 129, 227) }
```

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

```
.background{ background-color: rgb(221,  
129, 227) }
```

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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