

Converting Colors

CIELCh(61, 68.627, 331.272)

Have a look what the booklet for
CIELCh(61, 68.627, 331.272)
contains.

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Color

CIELCh(61, 68.771, 331.006)

Conversions

Conversions Part 1

Format	Color
Hex	DD65CF
RGB	221, 101, 207
RGB Percent	87%, 40%, 81%
CMY	0.1327, 0.6033, 0.1876
CMYK	0.00, 0.54, 0.06, 0.13
HSL	307°, 64%, 63%
HSV	307°, 54%, 87%
XYZ	45.8192, 29.2481, 62.3628
YIQ	148.9640, 37.4940, 58.4060

Conversions

Conversions Part 2

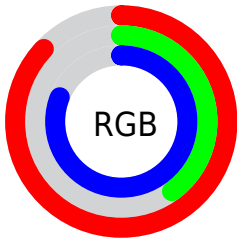
Format	Color
RYB	221, 101, 207
Decimal	14509519
CIELab	61.00, 60.15, -33.33
CIElCh	61, 68.771, 331.006
Yxy	29.2481, 0.3334, 0.2128
Android (android.graphics.Color)	4292699599 (0xFFDD65CF)
YUV	148.9640, 28.6117, 63.1756
Hunter-Lab	54.0815, 56.5869, -30.5117

Details

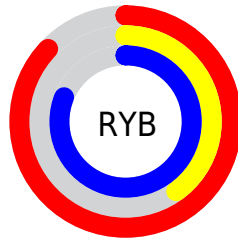
The CIELCh color $61, 68.771, 331.006$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $80, 69.413, 142.945$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 60.925, 326.516$, and $41, 68.776, 331.042$ is the 20% darker color. If you saturate the color by 10%, you get $57, 78.613, 331.578$, and if you desaturate by 10%, it is $65, 57.356, 330.418$.

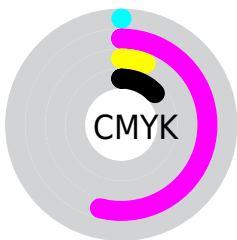
Distribution



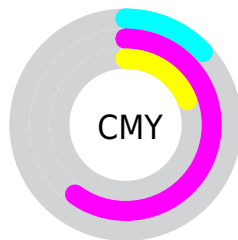
- Red (87%)
- Green (40%)
- Blue (81%)



- Red (87%)
- Yellow (40%)
- Blue (81%)



- Cyan (0%)
- Magenta (54%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (60%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 68.771, 331.006 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 61, 68.771, 331.006 by changing the saturation by 10% instead.

 61, 68.771,
331.006


 61, 68.771,
331.006


 100, 68.771,
331.006


 51, 68.771,
331.006


 81, 68.771,
331.006

 41, 68.771,
331.006

 91, 68.771,
331.006

 31, 68.771,
331.006

 21, 68.771,
331.006

 11, 68.771,
331.006

 1, 68.771, 331.006

 0, 68.771, 331.006

61, 68.771,
331.006

61, 68.771,
331.006

57, 78.613,
331.578

65, 57.356,
330.418

55, 86.339,
332.135

70, 44.923,
329.818

53, 91.522,
332.684

75, 31.929,
329.212

51, 94.035,
333.242

80, 18.726,
328.606

51, 94.609,
333.571

86, 5.562, 327.978

91, 7.400, 147.502

97, 19.463,
147.052

97, 18.425,
149.526

■ 97, 17.421,
152.281

Harmonies

Complementary

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



61, 68.771, 331.006



80, 69.413, 142.945

Rectangle

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



61, 68.771, 331.006



61, 68.771, 21.006



61, 68.771, 151.006



61, 68.771, 201.006

Sweetspot

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



61, 68.768, 331.006



90, 23.601, 328.719



50, 69.908, 301.160



47, 15.945, 328.845



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61, 68.768, 331.006



65, 88.762, 331.649



59, 51.612, 357.557



43, 7.384, 328.311



40, 79.014, 333.473



7, 31.842, 332.403

Inverse Universe

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



61, 68.768, 331.006



65, 88.762, 331.649



81, 46.248, 164.354



43, 7.384, 328.311



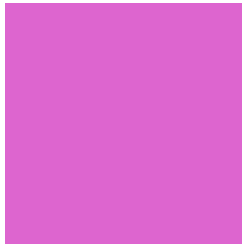
40, 79.014, 333.473



7, 31.842, 332.403

Previews

White Background



This preview shows how the CIELCh color 61, 68.771, 331.006 looks on a white background.

Color Contrast Check

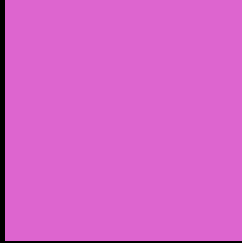
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 68.771, 331.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

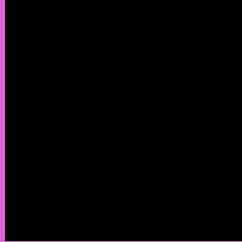
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 68.771, 331.006

Background



This preview shows how black text looks on a background with the CIELCh color 61, 68.771, 331.006.

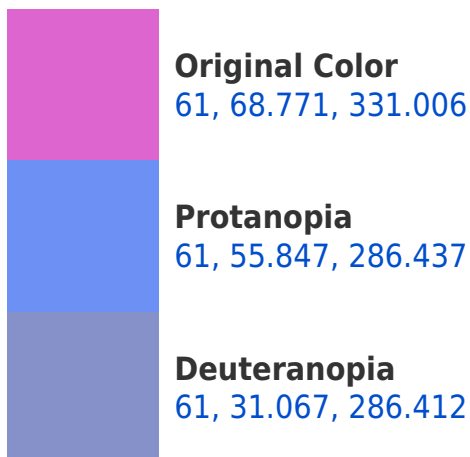


This preview shows how white text looks on a background with the CIELCh color 61, 68.771, 331.006.

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
61, 38.381, 16.600

Trichromacy



Original Color
61, 68.771, 331.006



Protanomaly
59, 58.076, 302.263



Deuteranomaly
60, 43.625, 310.434



Tritanomaly
61, 45.301, 353.003

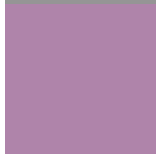
Monochromacy



Original Color
61, 68.771, 331.006



Achromatopsia
62, 0.008, 296.813



Achromatomaly
60, 26.740, 329.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 68.771, 331.006 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, 101, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 101, 207)  
}
```

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, 101, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 101, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 68.771, 331.006 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, 101, 207) }
```

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

```
.border{ border-color:rgb(221, 101, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 101, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 101, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 101, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 101,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 68.771, 331.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 101, 207) }
```

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

```
.background{ background-color: rgb(221,  
101, 207) }
```

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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