

Converting Colors

CIELCh(66, 71.114, 321.963)

Have a look what the booklet for
CIELCh(66, 71.114, 321.963)
contains.

CIELCh(66, 71.376, 321.911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 71.376, 321.911)

Conversions

Conversions Part 1

Format	Color
Hex	DC79F0
RGB	220, 121, 240
RGB Percent	86%, 47%, 94%
CMY	0.1360, 0.5243, 0.0576
CMYK	0.08, 0.50, 0.00, 0.06
HSL	290°, 80%, 71%
HSV	290°, 50%, 94%
XYZ	52.2622, 35.3238, 86.7501
YIQ	164.1670, 20.8050, 57.9970

Conversions

Conversions Part 2

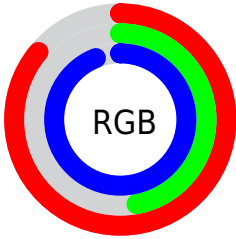
Format	Color
R _Y B	220, 121, 240
Decimal	14449136
CIE Lab	66.00, 56.18, -44.03
CIE LCh	66, 71.376, 321.911
Yxy	35.3238, 0.2998, 0.2026
Android (android.graphics.Color)	4292639216 (0xFFDC79F0)
YUV	164.1670, 37.3857, 48.9655
Hunter-Lab	59.4338, 52.9519, -44.9365

Details

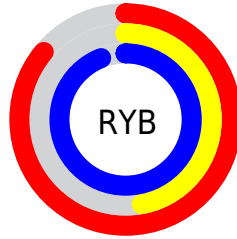
The CIELCh color `66, 71.376, 321.911` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `87, 70.346, 136.699`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 49.432, 326.132`, and `46, 71.189, 322.125` is the 20% darker color. If you saturate the color by 10%, you get `61, 84.093, 322.202`, and if you desaturate by 10%, it is `71, 57.522, 321.534`.

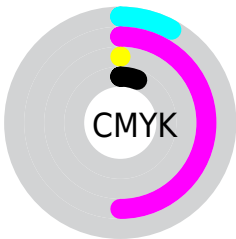
Distribution



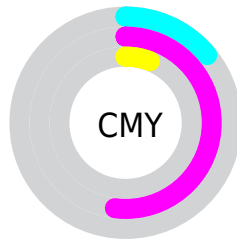
- Red (86%)
- Green (47%)
- Blue (94%)



- Red (86%)
- Yellow (47%)
- Blue (94%)



- Cyan (8%)
- Magenta (50%)
- Yellow (0%)
- Black (6%)





- Cyan (14%)
- Magenta (52%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 71.376, 321.911 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 66, 71.376, 321.911 by changing the saturation by 10% instead.


 66, 71.376,
321.911


 66, 71.376,
321.911


 100, 71.376,
321.911


 56, 71.376,
321.911


 86, 71.376,
321.911

 46, 71.376,
321.911

 96, 71.376,
321.911

 36, 71.376,
321.911

 26, 71.376,
321.911

 16, 71.376,
321.911

 6, 71.376, 321.911

 0, 71.376, 321.911

66, 71.376,
321.911

66, 71.376,
321.911

61, 84.093,
322.202

71, 57.522,
321.534

57, 95.043,
322.368

77, 43.063,
321.104

54, 103.570,
322.368

83, 28.383,
320.646

52, 109.187,
322.166

89, 13.748,
320.175

50, 112.031,
321.763

95, 0.670, 140.111

50, 112.142,
321.743

99, 8.353, 135.889

99, 7.803, 126.578

99, 7.490, 116.100

100, 7.431,

Harmonies

Complementary

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



66, 71.376, 321.911



87, 70.346, 136.699

Rectangle

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



66, 71.376, 321.911



66, 71.376, 11.911



66, 71.376, 141.911



66, 71.376, 191.911

Sweetspot

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



66, 71.374, 321.911



90, 22.816, 320.437



62, 54.560, 289.634



47, 15.588, 320.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 71.374, 321.911



65, 87.533, 322.194



67, 59.457, 338.967



47, 8.185, 320.173



38, 91.609, 321.846



8, 39.875, 322.694

Inverse Universe

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



65, 48.783, 12.623



64, 61.353, 15.090



87, 58.855, 150.206



47, 5.107, 6.526



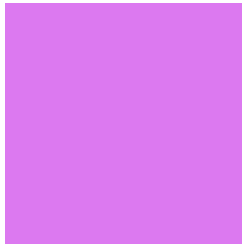
38, 74.147, 31.726



8, 29.099, 16.934

Previews

White Background



This preview shows how the CIELCh color 66, 71.376, 321.911 looks on a white background.

Color Contrast Check

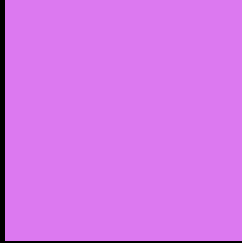
Large Text (above 18pt) WCAG AA × Fail

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 66, 71.376, 321.911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

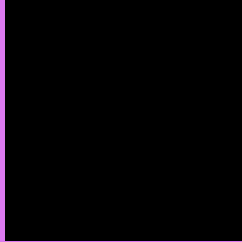
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 71.376, 321.911

Background



This preview shows how black text looks on a background with the CIELCh color 66, 71.376, 321.911.

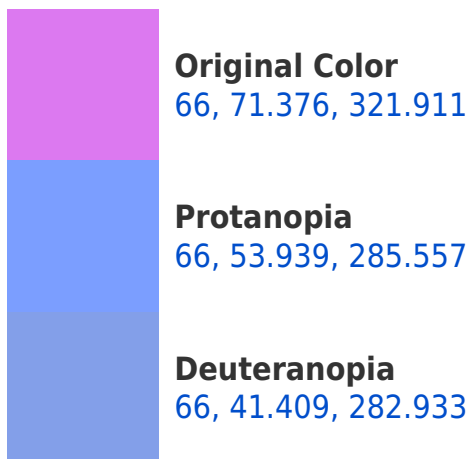



This preview shows how white text looks on a background with the CIELCh color 66, 71.376, 321.911.

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
66, 26.930, 9.369

Trichromacy



Original Color
66, 71.376, 321.911



Protanomaly
65, 58.488, 299.554



Deuteranomaly
65, 51.024, 301.355



Tritanomaly
65, 39.822, 339.120

Monochromacy



Original Color
66, 71.376, 321.911



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 27.705, 320.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 71.376, 321.911 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(220, 121, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 121, 240)  
}
```

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(220, 121, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 121, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 71.376, 321.911 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(220, 121, 240) }
```

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

```
.border{ border-color:rgb(220, 121, 240) }
```

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

Here you see how a box with a 4 pixel rgb(220, 121, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 121, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 121, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 121,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 71.376, 321.911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 121, 240) }
```

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

```
.background{ background-color: rgb(220,  
121, 240) }
```

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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