

Converting Colors

CIELCh(65, 78.259, 312.261)

Have a look what the booklet for
CIELCh(65, 78.259, 312.261)
contains.

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Color

CIELCh(65, 74.497, 313.099)

Conversions

Conversions Part 1

Format	Color
Hex	C57EFF
RGB	197, 126, 255
RGB Percent	77%, 49%, 100%
CMY	0.2275, 0.5063, 0.0000
CMYK	0.23, 0.51, 0.00, 0.00
HSL	273°, 100%, 75%
HSV	273°, 51%, 100%
XYZ	48.6782, 34.0472, 99.4529
YIQ	161.9350, 0.9070, 55.1710

Conversions

Conversions Part 2

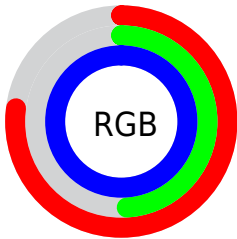
Format	Color
R _Y B	197, 126, 255
Decimal	12943103
CIE _{Lab}	65.00, 50.90, -54.40
CIE _{LCh}	65, 74.497, 313.099
Yxy	34.0472, 0.2672, 0.1869
Android (android.graphics.Color)	4291133183 (0xFFC57EFF)
YUV	161.9350, 45.8810, 30.7520
Hunter-Lab	58.3500, 46.8005, -60.2102

Details

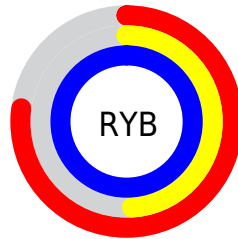
The CIELCh color `65, 74.497, 313.099` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `93, 69.297, 128.469`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 46.967, 326.049`, and `45, 74.097, 313.118` is the 20% darker color. If you saturate the color by 10%, you get `59, 88.207, 313.619`, and if you desaturate by 10%, it is `72, 59.218, 312.744`.

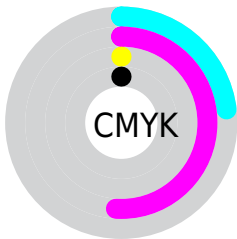
Distribution



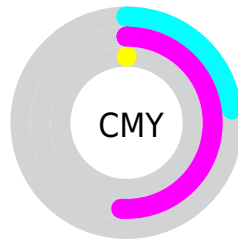
- Red (77%)
- Green (49%)
- Blue (100%)



- Red (77%)
- Yellow (49%)
- Blue (100%)



- Cyan (23%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (51%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 74.497, 313.099 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 65, 74.497, 313.099 by changing the saturation by 10% instead.

 65, 74.497,
313.099


 65, 74.497,
313.099


 100, 74.497,
313.099


 55, 74.497,
313.099


 85, 74.497,
313.099

 45, 74.497,
313.099

 95, 74.497,
313.099

 35, 74.497,
313.099

 25, 74.497,
313.099

 15, 74.497,
313.099

 5, 74.497, 313.099

 0, 74.497, 313.099

65, 74.497,
313.099

65, 74.497,
313.099

59, 88.207,
313.619

72, 59.218,
312.744

53, 101.134,
313.871

78, 44.291,
312.242

49, 111.884,
313.879

85, 29.501,
311.745

45, 119.514,
313.539

92, 15.004,
311.268

43, 123.669,
312.887

100, 0.883,
310.660

100, 0.012,
296.813

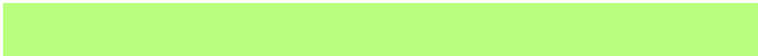
Harmonies

Complementary

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



65, 74.497, 313.099



93, 69.297, 128.469

Rectangle

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



65, 74.497, 313.099



65, 74.497, 3.099



65, 74.497, 133.099



65, 74.497, 183.099

Sweetspot

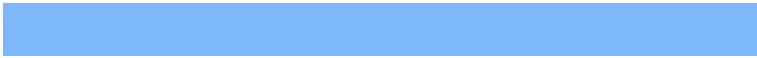
The Sweet Spot groups the original color and five complimentary colors.



65, 74.007, 313.219



89, 21.301, 311.474



73, 40.852, 270.523



46, 14.572, 311.574



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 74.007, 313.219



59, 88.718, 313.632



72, 75.954, 328.600



49, 8.016, 311.216



31, 99.441, 313.082



7, 44.818, 314.281

Inverse Universe

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



69, 55.734, 352.432



64, 65.664, 354.420



91, 76.487, 141.501



50, 6.175, 347.261



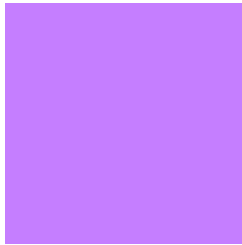
41, 67.999, 6.994



10, 31.485, 0.633

Previews

White Background



This preview shows how the CIELCh color 65, 74.497, 313.099 looks on a white background.

Color Contrast Check

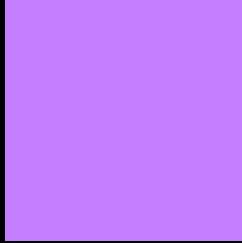
Large Text (above 18pt) WCAG AA × Fail

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 65, 74.497, 313.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

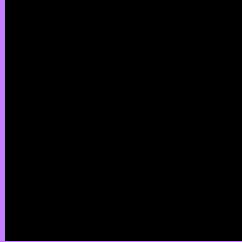
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 74.497, 313.099

Background



This preview shows how black text looks on a background with the CIELCh color 65, 74.497, 313.099.



This preview shows how white text looks on a background with the CIELCh color 65, 74.497, 313.099.

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
65, 14.063, 352.646

Trichromacy



Original Color
65, 73.950, 313.212



Protanomaly
64, 61.740, 296.786



Deuteranomaly
64, 58.393, 294.385



Tritanomaly
65, 34.243, 321.606

Monochromacy



Original Color
65, 73.950, 313.212



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 27.811, 311.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 74.497, 313.099 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(197, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 255)  
}
```

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(197, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 74.497, 313.099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

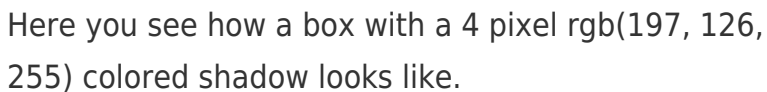
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 126, 255) }
```

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

```
.border{ border-color:rgb(197, 126, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 74.497, 313.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 126, 255) }
```

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

```
.background{ background-color: rgb(197,  
126, 255) }
```

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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