

Converting Colors

CIELCh(66, 114.725, 308.884)

Have a look what the booklet for
CIELCh(66, 114.725, 308.884)
contains.

CIELCh(62, 81.297, 313.396)	3
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Color

CIELCh(62, 81.297, 313.396)

Conversions

Conversions Part 1

Format	Color
Hex	C072FF
RGB	192, 114, 255
RGB Percent	75%, 45%, 100%
CMY	0.2481, 0.5542, 0.0000
CMYK	0.25, 0.55, 0.00, 0.00
HSL	273°, 100%, 72%
HSV	273°, 55%, 100%
XYZ	45.8236, 30.4025, 98.6923
YIQ	153.3960, 1.2270, 60.3870

Conversions

Conversions Part 2

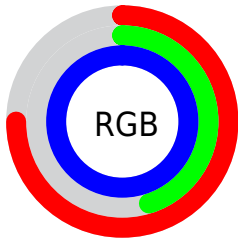
Format	Color
RYB	192, 114, 255
Decimal	12612351
CIELab	62.00, 55.85, -59.07
CIElCh	62, 81.297, 313.396
Yxy	30.4025, 0.2620, 0.1738
Android (android.graphics.Color)	4290802431 (0xFFC072FF)
YUV	153.3960, 50.0908, 33.8557
Hunter-Lab	55.1385, 51.8525, -67.5261

Details

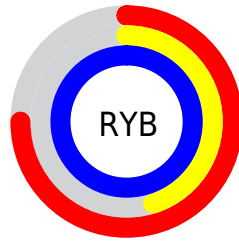
The CIELCh color $62, 81.297, 313.396$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $93, 75.317, 128.351$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 53.705, 324.961$, and $42, 80.628, 313.640$ is the 20% darker color. If you saturate the color by 10%, you get $56, 94.612, 313.815$, and if you desaturate by 10%, it is $68, 66.359, 313.034$.

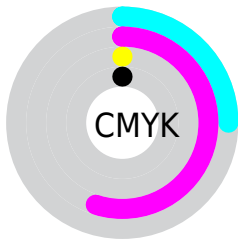
Distribution



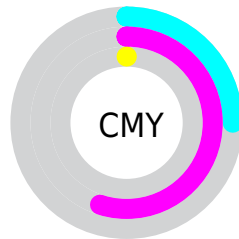
- Red (75%)
- Green (45%)
- Blue (100%)



- Red (75%)
- Yellow (45%)
- Blue (100%)



- Cyan (25%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)





- Cyan (25%)
- Magenta (55%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 81.297, 313.396 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 62, 81.297, 313.396 by changing the saturation by 10% instead.


 62, 81.297,
313.396


 62, 81.297,
313.396


 100, 81.297,
313.396


 52, 81.297,
313.396


 82, 81.297,
313.396

 42, 81.297,
313.396

 92, 81.297,
313.396

 32, 81.297,
313.396

 22, 81.297,
313.396

 12, 81.297,
313.396

 2, 81.297, 313.396

 0, 81.297, 313.396

62, 81.297,
313.396

62, 81.297,
313.396

56, 94.612,
313.815

68, 66.359,
313.034

51, 106.605,
313.961

75, 51.455,
312.541

47, 115.950,
313.812

82, 36.572,
312.040

44, 121.838,
313.274

89, 21.917,
311.554

43, 123.621,
312.932

96, 7.604, 311.087

100, 0.012,
296.813

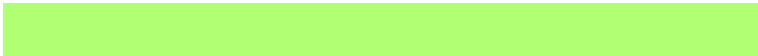
Harmonies

Complementary

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



62, 81.297, 313.396



93, 75.317, 128.351

Rectangle

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



62, 81.297, 313.396



62, 81.297, 3.396



62, 81.297, 133.396



62, 81.297, 183.396

Sweetspot

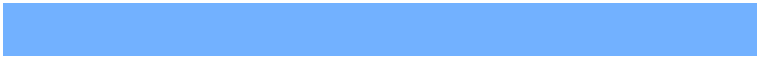
The Sweet Spot groups the original color and five complimentary colors.



62, 80.931, 313.478



88, 24.213, 311.629



71, 44.673, 271.956



45, 16.236, 311.726



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 80.931, 313.478



55, 96.643, 313.853



69, 82.051, 328.831



49, 8.019, 311.277



31, 99.403, 313.127



7, 44.814, 314.331

Inverse Universe

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



67, 60.452, 353.418



62, 70.607, 355.924



90, 82.900, 140.928



50, 6.168, 347.366



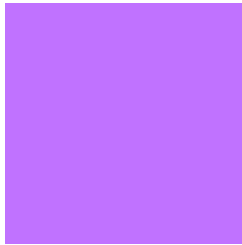
41, 68.001, 7.169



10, 31.475, 0.782

Previews

White Background



This preview shows how the CIELCh color 62, 81.297, 313.396 looks on a white background.

Color Contrast Check

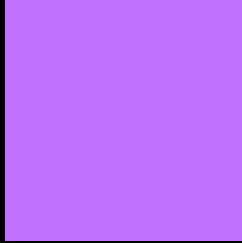
Large Text (above 18pt) WCAG AA × Fail

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 62, 81.297, 313.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

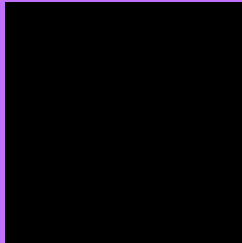
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 81.297, 313.396

Background



This preview shows how black text looks on a background with the CIELCh color 62, 81.297, 313.396.

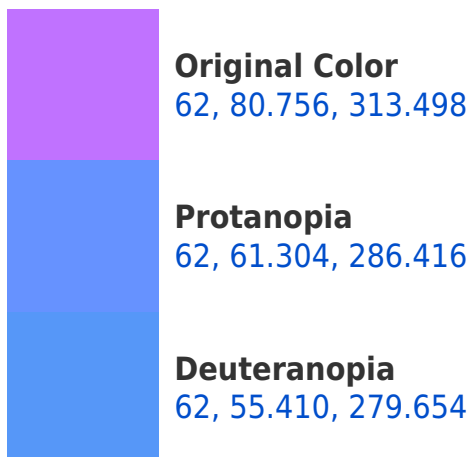


This preview shows how white text looks on a background with the CIELCh color 62, 81.297, 313.396.

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
62, 14.325, 355.539

Trichromacy



Original Color
62, 80.756, 313.498



Protanomaly
61, 67.864, 297.278



Deuteranomaly
61, 63.973, 293.747



Tritanomaly
61, 36.939, 321.525

Monochromacy



Original Color
62, 80.756, 313.498



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 30.425, 311.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 81.297, 313.396 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(192, 114, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 114, 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(192, 114, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 114, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 81.297, 313.396 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(192, 114, 255) }
```

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

```
.border{ border-color:rgb(192, 114, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 114, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 114, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 114, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 114,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 81.297, 313.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 114, 255) }
```

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

```
.background{ background-color: rgb(192,  
114, 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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