

Converting Colors

CIELCh(67, 73.426, 302.188)

Have a look what the booklet for
CIELCh(67, 73.426, 302.188)
contains.

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Color

CIELCh(66, 62.557, 302.759)

Conversions

Conversions Part 1

Format	Color
Hex	A88FFF
RGB	168, 143, 255
RGB Percent	66%, 56%, 100%
CMY	0.3400, 0.4381, 0.0000
CMYK	0.34, 0.44, 0.00, 0.00
HSL	253°, 100%, 78%
HSV	253°, 44%, 100%
XYZ	44.1738, 35.3238, 99.3544
YIQ	163.2430, -21.0520, 40.1320

Conversions

Conversions Part 2

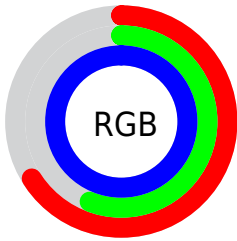
Format	Color
R _Y B	168, 143, 255
Decimal	11046911
CIE Lab	66.00, 33.85, -52.61
CIE LCh	66, 62.557, 302.759
Yxy	35.3238, 0.2470, 0.1975
Android (android.graphics.Color)	4289236991 (0xFFFA88FFF)
YUV	163.2430, 45.2362, 4.1719
Hunter-Lab	59.4338, 28.6598, -57.5103

Details

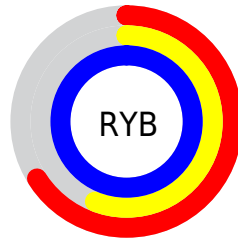
The CIELCh color **66, 62.557, 302.759** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 56.204, 116.048**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 32.315, 310.156**, and **46, 62.920, 302.855** is the 20% darker color. If you saturate the color by 10%, you get **58, 77.789, 303.930**, and if you desaturate by 10%, it is **74, 47.311, 301.698**.

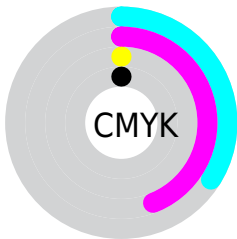
Distribution



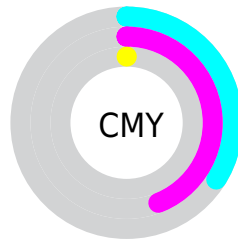
- Red (66%)
- Green (56%)
- Blue (100%)



- Red (66%)
- Yellow (56%)
- Blue (100%)



- Cyan (34%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (44%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 62.557, 302.759 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, 62.557, 302.759 by changing the saturation by 10% instead.


 66, 62.557,
302.759


 66, 62.557,
302.759


 100, 62.557,
302.759


 56, 62.557,
302.759


 86, 62.557,
302.759

 46, 62.557,
302.759

 96, 62.557,
302.759

 36, 62.557,
302.759

 26, 62.557,
302.759

 16, 62.557,
302.759

 6, 62.557, 302.759

 0, 62.557, 302.759

66, 62.557,
302.759

66, 62.557,
302.759

58, 77.789,
303.930

74, 47.311,
301.698

51, 93.120,
305.119

81, 32.700,
300.740

45, 107.618,
306.219

89, 18.612,
299.897

40, 119.961,
307.042

97, 5.049, 299.162

36, 128.456,
307.366

100, 0.012,
296.813

34, 131.659,
307.332

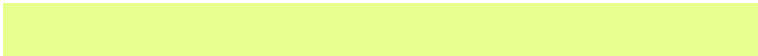
Harmonies

Complementary

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



66, 62.557, 302.759



96, 56.204, 116.048

Rectangle

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



66, 62.557, 302.759



66, 62.557, 352.759



66, 62.557, 122.759



66, 62.557, 172.759

Sweetspot

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



66, 62.394, 302.770



90, 17.489, 299.834



87, 28.435, 224.602



46, 12.289, 300.008



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, 62.394, 302.770



59, 76.532, 303.833



71, 65.415, 318.129



49, 7.600, 299.568



25, 105.854, 307.456



4, 44.606, 306.029

Inverse Universe

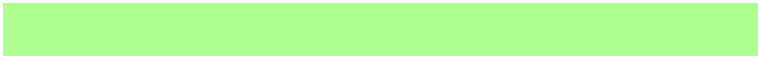
The Inverse Universe completely reimagines the original color for something new.



74, 59.281, 334.401



70, 70.330, 335.117



93, 63.482, 133.989



50, 7.749, 331.961



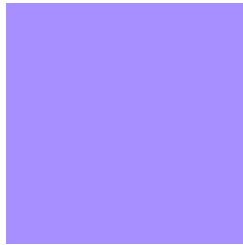
43, 78.288, 339.687



11, 36.737, 338.006

Previews

White Background



This preview shows how the CIELCh color 66, 62.557, 302.759 looks on a white background.

Color Contrast Check

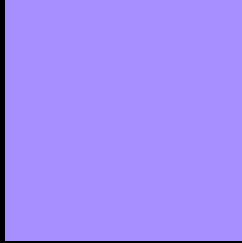
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 62.557, 302.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

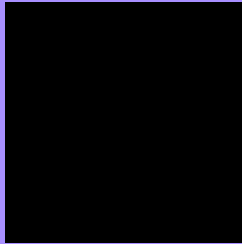
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 62.557, 302.759

Background



This preview shows how black text looks on a background with the CIELCh color 66, 62.557, 302.759.

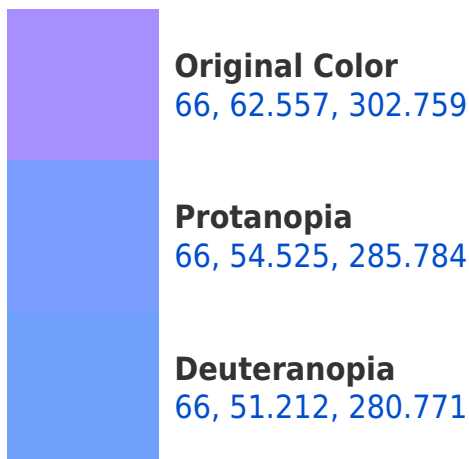


This preview shows how white text looks on a background with the CIELCh color 66, 62.557, 302.759.

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, 7.991, 263.965

Trichromacy



Original Color
66, 62.557, 302.759

Protanomaly
66, 57.005, 292.204

Deuteranomaly
66, 54.348, 289.218

Tritanomaly
66, 26.699, 294.358

Monochromacy



Original Color
66, 62.557, 302.759

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 22.476, 300.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 62.557, 302.759 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(168, 143, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 143, 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(168, 143, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 143, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 62.557, 302.759 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(168, 143, 255) }
```

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

```
.border{ border-color:rgb(168, 143, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 143, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 143, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 143, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 143,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 62.557, 302.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 143, 255) }
```

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

```
.background{ background-color: rgb(168,  
143, 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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