

Converting Colors

CIELCh(66, 63.888, 295.348)

Have a look what the booklet for
CIELCh(66, 63.888, 295.348)
contains.

CIELCh(66, 58.729, 294.869)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 58.729, 294.869)

Conversions

Conversions Part 1

Format	Color
Hex	9296FF
RGB	146, 150, 255
RGB Percent	57%, 59%, 100%
CMY	0.4262, 0.4110, 0.0000
CMYK	0.43, 0.41, 0.00, 0.00
HSL	238°, 100%, 79%
HSV	238°, 43%, 100%
XYZ	41.1158, 35.3238, 100.3961
YIQ	160.7740, -36.0890, 31.8070

Conversions

Conversions Part 2

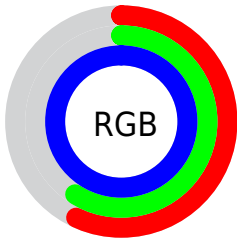
Format	Color
R _Y B	146, 150, 255
Decimal	9606911
CIE Lab	66.00, 24.70, -53.28
CIE LCh	66, 58.729, 294.869
Yxy	35.3238, 0.2325, 0.1998
Android (android.graphics.Color)	4287796991 (0xFF9296FF)
YUV	160.7740, 46.4534, -12.9568
Hunter-Lab	59.4338, 19.4754, -58.5494

Details

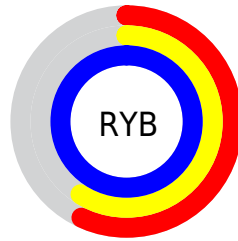
The CIELCh color `66, 58.729, 294.869` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `97, 52.156, 104.435`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 26.967, 292.463`, and `46, 58.571, 295.044` is the 20% darker color. If you saturate the color by 10%, you get `58, 73.116, 296.869`, and if you desaturate by 10%, it is `74, 43.461, 292.978`.

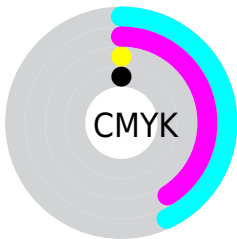
Distribution



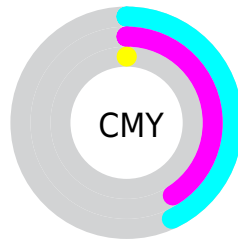
- Red (57%)
- Green (59%)
- Blue (100%)



- Red (57%)
- Yellow (59%)
- Blue (100%)



- Cyan (43%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (43%)
- Magenta (41%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 58.729, 294.869 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, 58.729, 294.869 by changing the saturation by 10% instead.

 66, 58.729,
294.869


 66, 58.729,
294.869


 100, 58.729,
294.869


 56, 58.729,
294.869


 86, 58.729,
294.869

 46, 58.729,
294.869

 96, 58.729,
294.869

 36, 58.729,
294.869

 26, 58.729,
294.869

 16, 58.729,
294.869

 6, 58.729, 294.869

 0, 58.729, 294.869

66, 58.729,
294.869

66, 58.729,
294.869

58, 73.116,
296.869

74, 43.461,
292.978

51, 88.615,
299.161

82, 29.518,
291.424

44, 103.928,
301.525

90, 16.143,
290.107

38, 117.772,
303.695

98, 3.295, 289.010

34, 128.105,
305.324

100, 0.012,
296.813

33, 132.423,
306.000

Harmonies

Complementary

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



66, 58.729, 294.869



97, 52.156, 104.435

Rectangle

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



66, 58.729, 294.869



66, 58.729, 344.869



66, 58.729, 114.869



66, 58.729, 164.869

Sweetspot

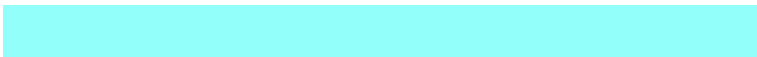
The Sweet Spot groups the original color and five complimentary colors.



66, 58.002, 294.792



90, 16.643, 290.153



94, 33.363, 192.487



46, 11.696, 290.427



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, 58.002, 294.792



59, 70.634, 296.516



69, 61.514, 309.658



49, 7.230, 289.740



23, 106.179, 305.876



4, 42.994, 301.162

Inverse Universe

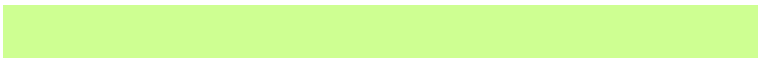
The Inverse Universe completely reimagines the original color for something new.



72, 44.203, 21.196



68, 54.079, 22.907



95, 57.327, 125.231



49, 5.254, 17.052



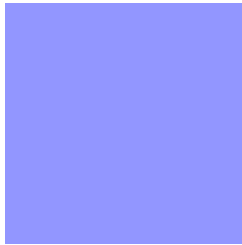
40, 82.678, 38.625



10, 33.075, 25.747

Previews

White Background



This preview shows how the CIELCh color 66, 58.729, 294.869 looks on a white background.

Color Contrast Check

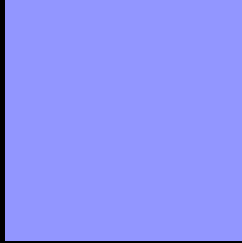
Large Text (above 18pt) WCAG AA × Fail

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, 58.729, 294.869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

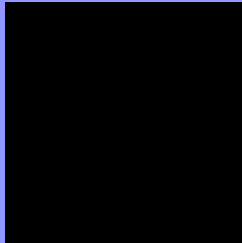
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 58.729, 294.869

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.729, 294.869.



This preview shows how white text looks on a background with the CIELCh color 66, 58.729, 294.869.

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, 15.152, 229.475

Trichromacy



Original Color
66, 58.125, 294.779

Protanomaly
66, 55.409, 288.921

Deuteranomaly
66, 54.551, 286.078

Tritanomaly
66, 27.038, 275.008

Monochromacy



Original Color
66, 58.125, 294.779

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 21.094, 291.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.729, 294.869 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(146, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(146, 150, 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(146, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 150, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.729, 294.869 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(146, 150, 255) }
```

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

```
.border{ border-color:rgb(146, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(146, 150,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.729, 294.869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 150, 255) }
```

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

```
.background{ background-color: rgb(146,  
150, 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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