

Converting Colors

CIELCh(66, 57.663, 293.609)

Have a look what the booklet for
CIELCh(66, 57.663, 293.609)
contains.

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Color

CIELCh(66, 57.551, 293.627)

Conversions

Conversions Part 1

Format	Color
Hex	8F97FF
RGB	143, 151, 255
RGB Percent	56%, 59%, 100%
CMY	0.4381, 0.4068, 0.0000
CMYK	0.44, 0.41, 0.00, 0.00
HSL	236°, 100%, 78%
HSV	236°, 44%, 100%
XYZ	40.5855, 35.3238, 99.5376
YIQ	160.4640, -38.1520, 30.6480

Conversions

Conversions Part 2

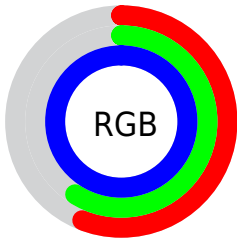
Format	Color
RYB	143, 150, 255
Decimal	9410559
CIELab	66.00, 23.07, -52.73
CIELCh	66, 57.551, 293.627
Yxy	35.3238, 0.2313, 0.2013
Android (android.graphics.Color)	4287600639 (0xFF8F97FF)
YUV	160.4640, 46.6062, -15.3159
Hunter-Lab	59.4338, 17.8827, -57.6930

Details

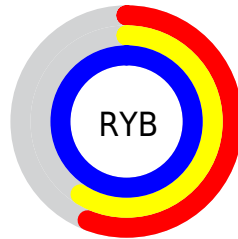
The CIELCh color `66, 57.551, 293.627` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `96, 51.858, 102.575`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `84, 26.426, 289.597`, and `46, 57.995, 293.753` is the 20% darker color. If you saturate the color by 10%, you get `58, 71.943, 295.770`, and if you desaturate by 10%, it is `74, 43.387, 291.717`.

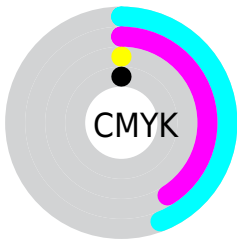
Distribution



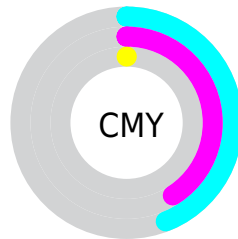
- Red (56%)
- Green (59%)
- Blue (100%)



- Red (56%)
- Yellow (59%)
- Blue (100%)



- Cyan (44%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (44%)
- Magenta (41%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 57.551, 293.627 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, 57.551, 293.627 by changing the saturation by 10% instead.


 66, 57.551,
293.627

 66, 57.551,
293.627


 100, 57.551,
293.627


 56, 57.551,
293.627


 86, 57.551,
293.627

 46, 57.551,
293.627

 96, 57.551,
293.627

 36, 57.551,
293.627

 26, 57.551,
293.627

 16, 57.551,
293.627

 6, 57.551, 293.627

 0, 57.551, 293.627

■ 66, 57.551,
293.627

■ 66, 57.551,
293.627

■ 58, 71.943,
295.770

■ 74, 43.387,
291.717

■ 51, 86.907,
298.168

■ 82, 29.948,
290.099

■ 44, 101.810,
300.666

■ 89, 17.039,
288.724

■ 39, 115.567,
303.017

■ 97, 4.618, 287.572

■ 35, 126.360,
304.888

100, 0.012,
296.813

■ 33, 130.767,
305.652

Harmonies

Complementary

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



66, 57.551, 293.627



96, 51.858, 102.575

Rectangle

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



66, 57.551, 293.627



66, 57.551, 343.627



66, 57.551, 113.627



66, 57.551, 163.627

Sweetspot

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



66, 57.389, 293.606



90, 16.021, 288.623



93, 34.637, 189.225



46, 11.256, 288.904



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, 57.389, 293.606



59, 70.752, 295.586



68, 63.108, 308.687



49, 6.962, 288.201



24, 104.546, 305.445



4, 41.860, 300.516

Inverse Universe

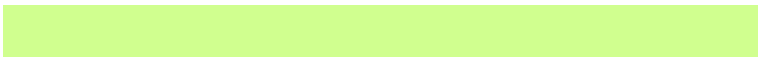
The Inverse Universe completely reimagines the original color for something new.



72, 45.263, 18.761



67, 55.869, 20.770



95, 58.370, 123.921



50, 5.268, 14.176



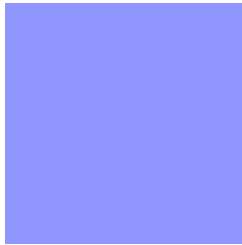
40, 81.270, 37.281



10, 32.804, 24.297

Previews

White Background



This preview shows how the CIELCh color 66, 57.551, 293.627 looks on a white background.

Color Contrast Check

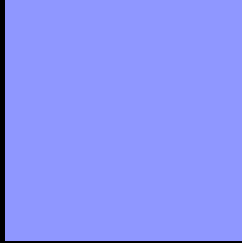
Large Text (above 18pt) WCAG AA × Fail

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, 57.551, 293.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

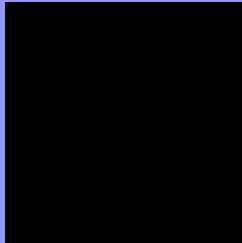
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 57.551, 293.627

Background



This preview shows how black text looks on a background with the CIELCh color 66, 57.551, 293.627.



This preview shows how white text looks on a background with the CIELCh color 66, 57.551, 293.627.

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



Original Color

66, 57.551, 293.627

Protanopia

66, 54.525, 285.784

Deuteranopia

66, 52.377, 280.568



Tritanopia
66, 16.477, 226.623

Trichromacy



Original Color
66, 57.551, 293.627

Protanomaly
66, 55.433, 288.668

Deuteranomaly
66, 54.026, 285.362

Tritanomaly
66, 27.438, 271.990

Monochromacy



Original Color
66, 57.551, 293.627

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 21.096, 290.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 57.551, 293.627 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(143, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 151, 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(143, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 151, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 57.551, 293.627 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(143, 151, 255) }
```

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

```
.border{ border-color:rgb(143, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 151,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 57.551, 293.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 151, 255) }
```

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

```
.background{ background-color: rgb(143,  
151, 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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