

Converting Colors

CIELCh(66, 57.689, 295.294)

Have a look what the booklet for
CIELCh(66, 57.689, 295.294)
contains.

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Color

CIELCh(66, 57.576, 295.258)

Conversions

Conversions Part 1

Format	Color
Hex	9496FE
RGB	148, 150, 254
RGB Percent	58%, 59%, 100%
CMY	0.4191, 0.4113, 0.0034
CMYK	0.42, 0.41, 0.00, 0.00
HSL	239°, 98%, 79%
HSV	239°, 42%, 100%
XYZ	41.0731, 35.3238, 98.5330
YIQ	161.2580, -34.5760, 31.9200

Conversions

Conversions Part 2

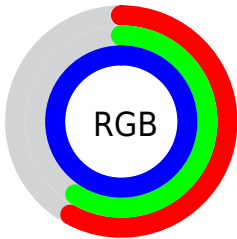
Format	Color
RYB	148, 150, 254
Decimal	9737982
CIELab	66.00, 24.57, -52.07
CIELCh	66, 57.576, 295.258
Yxy	35.3238, 0.2348, 0.2019
Android (android.graphics.Color)	4287928062 (0xFF9496FE)
YUV	161.2580, 45.7218, -11.6273
Hunter-Lab	59.4338, 19.3473, -56.6908

Details

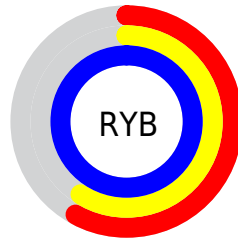
The CIELCh color $66, 57.576, 295.258$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $97, 51.737, 105.307$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 26.984, 293.848$, and $46, 57.975, 295.421$ is the 20% darker color. If you saturate the color by 10%, you get $58, 72.890, 297.287$, and if you desaturate by 10%, it is $74, 42.842, 293.488$.

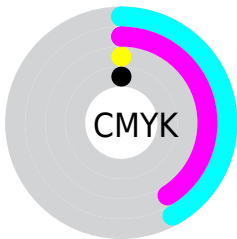
Distribution



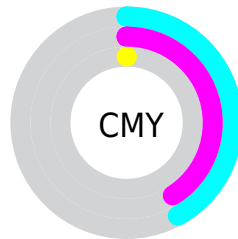
- Red (58%)
- Green (59%)
- Blue (100%)



- Red (58%)
- Yellow (59%)
- Blue (100%)



- Cyan (42%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (42%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 57.576, 295.258 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, 57.576, 295.258 by changing the saturation by 10% instead.

 66, 57.576,
295.258


 66, 57.576,
295.258


 100, 57.576,
295.258


 56, 57.576,
295.258


 86, 57.576,
295.258

 46, 57.576,
295.258

 96, 57.576,
295.258

 36, 57.576,
295.258

 26, 57.576,
295.258

 16, 57.576,
295.258

 6, 57.576, 295.258

 0, 57.576, 295.258

■ 66, 57.576,
295.258

■ 66, 57.576,
295.258

■ 58, 72.890,
297.287

■ 74, 42.842,
293.488

■ 51, 88.589,
299.524

■ 82, 28.720,
291.973

■ 44, 104.067,
301.826

■ 90, 15.181,
290.689

■ 38, 117.983,
303.923

■ 98, 2.183, 289.633

100, 0.427,

■ 34, 128.212,
305.464

109.965

■ 32, 132.735,
306.136

Harmonies

Complementary

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



66, 57.576, 295.258



97, 51.737, 105.307

Rectangle

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



66, 57.576, 295.258



66, 57.576, 345.258



66, 57.576, 115.258



66, 57.576, 165.258

Sweetspot

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



66, 57.575, 295.258



89, 16.943, 290.843



94, 32.485, 194.156



46, 11.908, 291.113



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, 57.575, 295.258



60, 70.430, 296.925



70, 60.087, 310.130



49, 7.360, 290.434



23, 106.933, 306.071



4, 43.533, 301.452

Inverse Universe

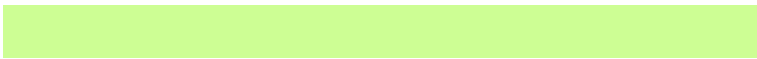
The Inverse Universe completely reimagines the original color for something new.



73, 43.193, 22.287



68, 53.170, 23.910



94, 56.237, 125.889



49, 5.252, 18.426



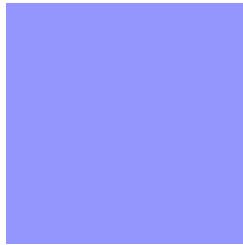
40, 83.385, 39.265



10, 33.212, 26.429

Previews

White Background



This preview shows how the CIELCh color 66, 57.576, 295.258 looks on a white background.

Color Contrast Check

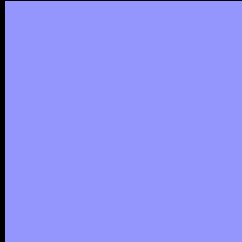
Large Text (above 18pt) WCAG AA × Fail

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, 57.576, 295.258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

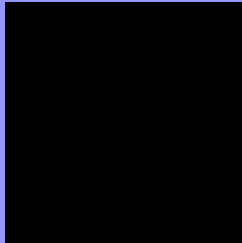
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 57.576, 295.258

Background



This preview shows how black text looks on a background with the CIELCh color 66, 57.576, 295.258.



This preview shows how white text looks on a background with the CIELCh color 66, 57.576, 295.258.

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, 57.576, 295.258

Protanopia
66, 54.525, 285.784

Deuteranopia
66, 51.774, 280.781



Tritanopia
66, 14.619, 230.772

Trichromacy



Original Color
66, 57.576, 295.258

Protanomaly
66, 55.962, 289.600

Deuteranomaly
66, 53.958, 286.402

Tritanomaly
66, 26.884, 276.246

Monochromacy



Original Color
66, 57.576, 295.258

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, 57.576, 295.258 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(148, 150, 254)` looks like.

```
.text, #text, p{  
    color:rgb(148, 150, 254)  
}
```

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(148, 150, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 150, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 57.576, 295.258 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(148, 150, 254) }
```

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

```
.border{ border-color:rgb(148, 150, 254) }
```

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

Here you see how a box with a 4 pixel rgb(148, 150, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 150, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 150, 254);  
box-shadow:4px 4px 4px 4px rgb(148, 150,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 57.576, 295.258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 150, 254) }
```

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

```
.background{ background-color: rgb(148,  
150, 254) }
```

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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