

Converting Colors

CIELCh(57, 76.890, 298.255)

Have a look what the booklet for
CIELCh(57, 76.890, 298.255)
contains.

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Color

CIELCh(57, 75.946, 298.125)

Conversions

Conversions Part 1

Format	Color
Hex	7979FF
RGB	121, 121, 255
RGB Percent	47%, 47%, 100%
CMY	0.5259, 0.5258, 0.0004
CMYK	0.53, 0.53, 0.00, 0.00
HSL	240°, 100%, 74%
HSV	240°, 53%, 100%
XYZ	32.7287, 24.9227, 97.6033
YIQ	136.2760, -43.0140, 41.6740

Conversions

Conversions Part 2

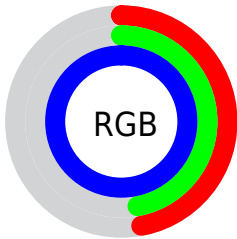
Format	Color
R _Y B	121, 121, 255
Decimal	7961087
CIE Lab	57.00, 35.80, -66.98
CIE LCh	57, 75.946, 298.125
Yxy	24.9227, 0.2108, 0.1605
Android (android.graphics.Color)	4286151167 (0xFF7979FF)
YUV	136.2760, 58.5309, -13.3971
Hunter-Lab	49.9226, 29.6579, -80.9716

Details

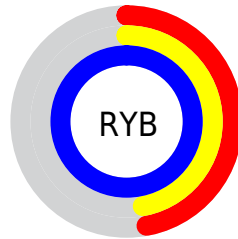
The CIELCh color **57, 75.946, 298.125** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **98, 65.298, 105.174**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 44.578, 297.394**, and **37, 76.050, 298.173** is the 20% darker color. If you saturate the color by 10%, you get **49, 91.963, 300.331**, and if you desaturate by 10%, it is **65, 60.232, 296.104**.

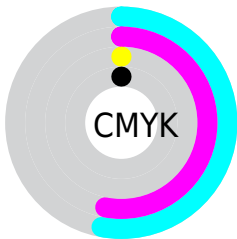
Distribution



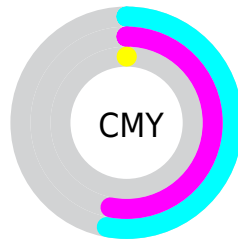
- Red (47%)
- Green (47%)
- Blue (100%)



- Red (47%)
- Yellow (47%)
- Blue (100%)



- Cyan (53%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)





- Cyan (53%)
- Magenta (53%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 75.946, 298.125 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 57, 75.946, 298.125 by changing the saturation by 10% instead.


 57, 75.946,
298.125


 57, 75.946,
298.125


 100, 75.946,
298.125


 47, 75.946,
298.125


 77, 75.946,
298.125

 37, 75.946,
298.125

 87, 75.946,
298.125

 27, 75.946,
298.125

 97, 75.946,
298.125

 17, 75.946,
298.125

 7, 75.946, 298.125

 0, 75.946, 298.125

57, 75.946,
298.125

57, 75.946,
298.125

49, 91.963,
300.331

65, 60.232,
296.104

43, 107.527,
302.552

73, 45.093,
294.331

37, 121.043,
304.491

81, 30.584,
292.811

34, 130.227,
305.791

90, 16.684,
291.522

32, 133.769,
306.286

98, 3.352, 290.449

100, 0.042,
108.345

Harmonies

Complementary

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



57, 75.946, 298.125



98, 65.298, 105.174

Rectangle

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



57, 75.946, 298.125



57, 75.946, 348.125



57, 75.946, 118.125



57, 75.946, 168.125

Sweetspot

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



57, 75.946, 298.126



87, 21.392, 291.940



93, 38.536, 195.315



45, 14.504, 292.202



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 75.946, 298.126



49, 92.680, 300.428



63, 76.473, 311.263



49, 7.503, 291.169



23, 107.776, 306.286



3, 44.123, 301.756

Inverse Universe

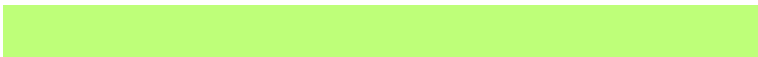
The Inverse Universe completely reimagines the original color for something new.



67, 56.628, 25.807



62, 69.436, 28.517



93, 70.397, 126.046



49, 5.254, 19.934



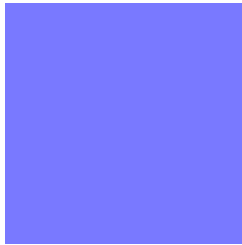
40, 84.224, 39.996



10, 33.366, 27.172

Previews

White Background



This preview shows how the CIELCh color 57, 75.946, 298.125 looks on a white background.

Color Contrast Check

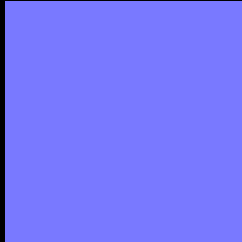
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 75.946, 298.125 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 × Fail

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

CIELCh 57, 75.946, 298.125

Background



This preview shows how black text looks on a background with the CIELCh color 57, 75.946, 298.125.

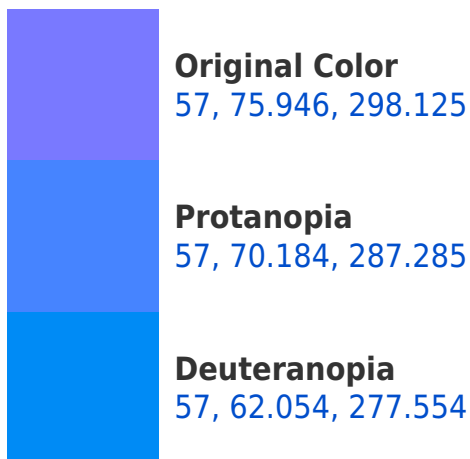



This preview shows how white text looks on a background with the CIELCh color 57, 75.946, 298.125.

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
57, 19.660, 218.390

Trichromacy



Original Color
57, 75.946, 298.125

Protanomaly
57, 72.181, 291.070

Deuteranomaly
56, 67.495, 283.705

Tritanomaly
56, 33.755, 275.433

Monochromacy



Original Color
57, 75.946, 298.125

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 27.484, 293.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 75.946, 298.125 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(121, 121, 255)` looks like.

```
.text, #text, p{  
    color:rgb(121, 121, 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(121, 121, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 121, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 75.946, 298.125 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(121, 121, 255) }
```

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

```
.border{ border-color:rgb(121, 121, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 121, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 121, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 121, 255);  
box-shadow:4px 4px 4px 4px rgb(121, 121,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 75.946, 298.125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 121, 255) }
```

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

```
.background{ background-color: rgb(121,  
121, 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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