

Converting Colors

CIELCh(66, 54.174, 284.904)

Have a look what the booklet for
CIELCh(66, 54.174, 284.904)
contains.

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Color

CIELCh(66, 54.092, 284.878)

Conversions

Conversions Part 1

Format	Color
Hex	779DFE
RGB	119, 157, 254
RGB Percent	47%, 62%, 100%
CMY	0.5321, 0.3832, 0.0027
CMYK	0.53, 0.38, 0.00, 0.00
HSL	223°, 99%, 73%
HSV	223°, 53%, 100%
XYZ	37.6897, 35.3238, 98.8497
YIQ	156.6960, -53.7850, 22.1110

Conversions

Conversions Part 2

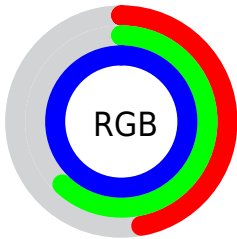
Format	Color
RYB	119, 149, 254
Decimal	7839230
CIELab	66.00, 13.89, -52.28
CIELCh	66, 54.092, 284.878
Yxy	35.3238, 0.2193, 0.2055
Android (android.graphics.Color)	4286029310 (0xFF779DFE)
YUV	156.6960, 47.9709, -33.0594
Hunter-Lab	59.4338, 9.1857, -57.0068

Details

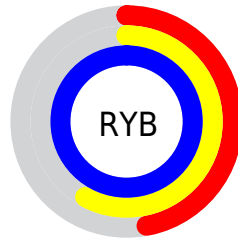
The CIELCh color **66, 54.092, 284.878** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **88, 52.252, 88.146**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 25.080, 267.628**, and **46, 54.382, 285.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.176, 287.740**, and if you desaturate by 10%, it is **72, 43.338, 282.376**.

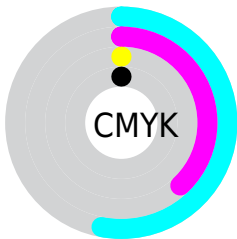
Distribution



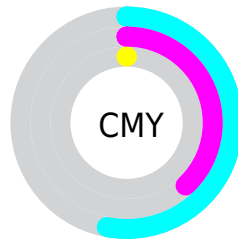
- Red (47%)
- Green (62%)
- Blue (100%)



- Red (47%)
- Yellow (58%)
- Blue (100%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)




- Cyan (53%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 54.092, 284.878 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, 54.092, 284.878 by changing the saturation by 10% instead.

 66, 54.092,
284.878


 66, 54.092,
284.878


 100, 54.092,
284.878


 56, 54.092,
284.878


 86, 54.092,
284.878

 46, 54.092,
284.878

 96, 54.092,
284.878

 36, 54.092,
284.878

 26, 54.092,
284.878

 16, 54.092,
284.878

 6, 54.092, 284.878

 0, 54.092, 284.878

66, 54.092,
284.878

66, 54.092,
284.878

60, 65.176,
287.740

72, 43.338,
282.376

54, 76.604,
290.923

79, 32.880,
280.221

49, 88.286,
294.316

85, 22.681,
278.380

44, 99.912,
297.713

91, 12.717,
276.813

41, 107.618,
299.886

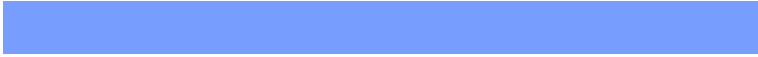
98, 2.973, 275.528

100, 0.343,
109.927

Harmonies

Complementary

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



66, 54.092, 284.878



88, 52.252, 88.146

Rectangle

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



66, 54.092, 284.878



66, 54.092, 334.878



66, 54.092, 104.878



66, 54.092, 154.878

Sweetspot

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



66, 54.091, 284.879



90, 15.636, 277.244



92, 46.520, 171.259



46, 10.580, 277.561



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, 54.091, 284.879



60, 66.358, 288.023



59, 76.486, 303.645



50, 5.519, 276.314



30, 85.390, 299.330



7, 34.255, 294.514

Inverse Universe

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



67, 55.183, 4.880



62, 65.873, 7.770



95, 66.864, 115.217



50, 5.615, 358.131



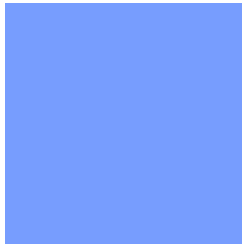
40, 71.360, 22.939



10, 31.543, 14.027

Previews

White Background



This preview shows how the CIELCh color 66, 54.092, 284.878 looks on a white background.

Color Contrast Check

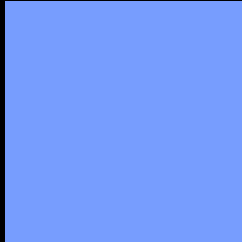
Large Text (above 18pt) WCAG AA × Fail

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, 54.092, 284.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

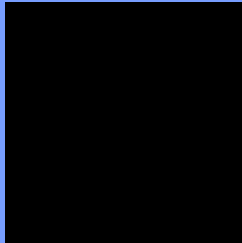
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

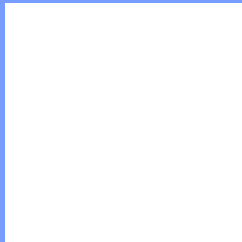
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 54.092, 284.878

Background



This preview shows how black text looks on a background with the CIELCh color 66, 54.092, 284.878.



This preview shows how white text looks on a background with the CIELCh color 66, 54.092, 284.878.

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, 54.092, 284.878

Protanopia

66, 53.963, 285.854

Deuteranopia

66, 52.936, 280.591



Tritanopia
66, 24.635, 214.751

Trichromacy



Original Color
66, 54.092, 284.878

Protanomaly
66, 53.994, 285.607

Deuteranomaly
66, 53.300, 282.011

Tritanomaly
66, 29.337, 253.401

Monochromacy



Original Color
66, 54.092, 284.878

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 19.898, 278.415

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 54.092, 284.878 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(119, 157, 254)` looks like.

```
.text, #text, p{  
    color:rgb(119, 157, 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(119, 157, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 157, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 54.092, 284.878 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(119, 157, 254) }
```

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

```
.border{ border-color:rgb(119, 157, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 157, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 157, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 157, 254);  
box-shadow:4px 4px 4px 4px rgb(119, 157,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 54.092, 284.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 157, 254) }
```

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

```
.background{ background-color: rgb(119,  
157, 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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