

Converting Colors

CIELCh(67, 58.212, 286.826)

Have a look what the booklet for
CIELCh(67, 58.212, 286.826)
contains.

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Color

CIELCh(66, 53.939, 285.557)

Conversions

Conversions Part 1

Format	Color
Hex	7A9DFE
RGB	122, 157, 254
RGB Percent	48%, 62%, 100%
CMY	0.5226, 0.3848, 0.0050
CMYK	0.52, 0.38, 0.00, 0.00
HSL	224°, 98%, 74%
HSV	224°, 52%, 100%
XYZ	37.8677, 35.3238, 98.3672
YIQ	157.5930, -51.9970, 22.7470

Conversions

Conversions Part 2

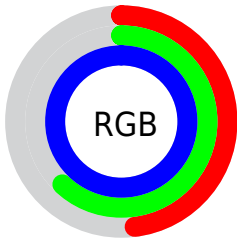
Format	Color
RYB	122, 150, 254
Decimal	8035838
CIELab	66.00, 14.47, -51.96
CIELCh	66, 53.939, 285.557
Yxy	35.3238, 0.2207, 0.2059
Android (android.graphics.Color)	4286225918 (0xFF7A9DFE)
YUV	157.5930, 47.5287, -31.2151
Hunter-Lab	59.4338, 9.7204, -56.5254

Details

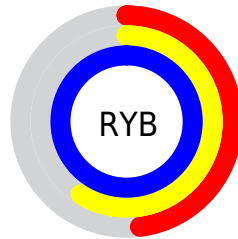
The CIELCh color **66, 53.939, 285.557** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **88, 51.707, 89.436**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 24.756, 269.560**, and **46, 54.254, 285.848** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.251, 288.348**, and if you desaturate by 10%, it is **72, 42.977, 283.120**.

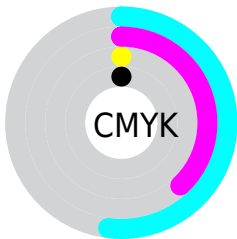
Distribution



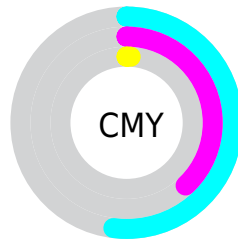
- Red (48%)
- Green (62%)
- Blue (100%)



- Red (48%)
- Yellow (59%)
- Blue (100%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (38%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 53.939, 285.557 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, 53.939, 285.557 by changing the saturation by 10% instead.

■ 66, 53.939,
285.557

■ 66, 53.939,
285.557

■ 100, 53.939,
285.557

■ 56, 53.939,
285.557

■ 86, 53.939,
285.557

■ 46, 53.939,
285.557

■ 96, 53.939,
285.557

■ 36, 53.939,
285.557

■ 26, 53.939,
285.557

■ 16, 53.939,
285.557

■ 6, 53.939, 285.557

■ 0, 53.939, 285.557

■ 66, 53.939,
285.557

■ 66, 53.939,
285.557

■ 60, 65.251,
288.348

■ 72, 42.977,
283.120

■ 54, 76.920,
291.455

■ 79, 32.332,
281.022

■ 48, 88.843,
294.771

■ 85, 21.967,
279.230

■ 43, 100.680,
298.094

■ 92, 11.857,
277.705

■ 40, 109.628,
300.532

■ 98, 1.983, 276.490

100, 0.629,
110.008

Harmonies

Complementary

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



66, 53.939, 285.557



88, 51.707, 89.436

Rectangle

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



66, 53.939, 285.557



66, 53.939, 335.557



66, 53.939, 105.557



66, 53.939, 155.557

Sweetspot

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



66, 53.938, 285.558



90, 15.909, 278.282



92, 45.040, 172.650



46, 10.766, 278.596



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, 53.938, 285.558



60, 65.485, 288.345



60, 74.733, 303.973



50, 5.613, 277.360



30, 87.174, 300.001



7, 34.943, 295.208

Inverse Universe

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



68, 53.888, 5.768



63, 63.988, 8.353



95, 65.719, 116.007



50, 5.576, 359.202



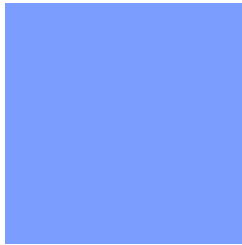
40, 71.949, 24.250



10, 31.616, 14.997

Previews

White Background



This preview shows how the CIELCh color 66, 53.939, 285.557 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, 53.939, 285.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

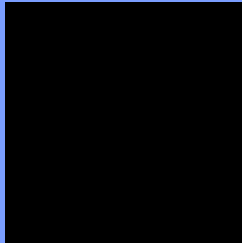
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

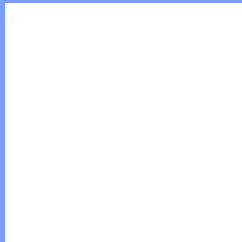
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 53.939, 285.557

Background



This preview shows how black text looks on a background with the CIELCh color 66, 53.939, 285.557.



This preview shows how white text looks on a background with the CIELCh color 66, 53.939, 285.557.

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, 53.994, 285.607

Protanopia

66, 53.431, 285.678

Deuteranopia

66, 52.377, 280.568



Tritanopia
66, 23.551, 217.115

Trichromacy



Original Color
66, 53.994, 285.607

Protanomaly
66, 53.431, 285.678

Deuteranomaly
66, 52.699, 282.248

Tritanomaly
66, 29.206, 255.855

Monochromacy



Original Color
66, 53.994, 285.607

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 19.831, 279.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 53.939, 285.557 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(122, 157, 254)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 157, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 157, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 53.939, 285.557 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(122, 157, 254) }
```

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

```
.border{ border-color:rgb(122, 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(122, 157, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 157, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 157, 254);  
box-shadow:4px 4px 4px 4px rgb(122, 157,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 53.939, 285.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 157, 254) }
```

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

```
.background{ background-color: rgb(122,  
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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