

Converting Colors

CIELCh(57, 70.197, 285.235)

Have a look what the booklet for
CIELCh(57, 70.197, 285.235)
contains.

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Color

CIELCh(57, 69.931, 285.241)

Conversions

Conversions Part 1

Format	Color
Hex	3685FF
RGB	54, 133, 255
RGB Percent	21%, 52%, 100%
CMY	0.7888, 0.4768, 0.0000
CMYK	0.79, 0.48, 0.00, 0.00
HSL	216°, 100%, 61%
HSV	216°, 79%, 100%
XYZ	28.0874, 24.9227, 98.3539
YIQ	123.2870, -86.2460, 21.1940

Conversions

Conversions Part 2

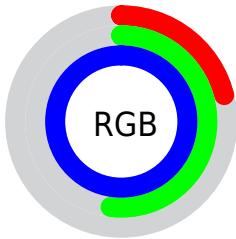
Format	Color
R _Y B	54, 111, 255
Decimal	3573247
CIE Lab	57.00, 18.38, -67.47
CIE LCh	57, 69.931, 285.241
Yxy	24.9227, 0.1856, 0.1647
Android (android.graphics.Color)	4281763327 (0xFF3685FF)
YUV	123.2870, 64.9345, -60.7647
Hunter-Lab	49.9226, 13.0630, -81.8630

Details

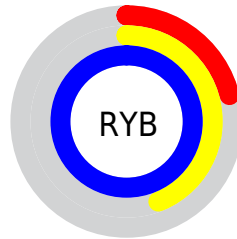
The CIELCh color **57, 69.931, 285.241** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **77, 71.990, 74.328**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 40.180, 270.725**, and **39, 68.253, 290.282** is the 20% darker color. If you saturate the color by 10%, you get **52, 79.173, 289.132**, and if you desaturate by 10%, it is **62, 60.412, 281.408**.

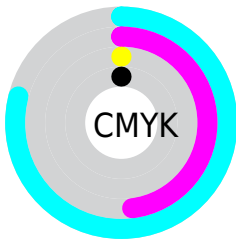
Distribution



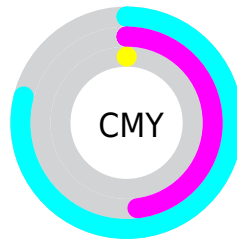
- Red (21%)
- Green (52%)
- Blue (100%)



- Red (21%)
- Yellow (44%)
- Blue (100%)



- Cyan (79%)
- Magenta (48%)
- Yellow (0%)
- Black (0%)





- Cyan (79%)
- Magenta (48%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 69.931, 285.241 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, 69.931, 285.241 by changing the saturation by 10% instead.


 57, 69.931,
285.241


 57, 69.931,
285.241


 100, 69.931,
285.241


 47, 69.931,
285.241


 77, 69.931,
285.241

 37, 69.931,
285.241

 87, 69.931,
285.241

 27, 69.931,
285.241

 97, 69.931,
285.241

 17, 69.931,
285.241

 7, 69.931, 285.241

 0, 69.931, 285.241

■ 57, 69.931,
285.241

■ 57, 69.931,
285.241

■ 52, 79.173,
289.132

■ 62, 60.412,
281.408

■ 48, 88.864,
293.119

■ 67, 51.364,
278.043

■ 48, 89.956,
293.536

■ 73, 42.465,
275.101

■ 78, 33.661,
272.572

■ 84, 24.922,
270.419

■ 89, 16.240,
268.593

■ 95, 7.615, 267.057

■ 100, 0.012,
296.813

Harmonies

Complementary

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



57, 69.931, 285.241



77, 71.990, 74.328

Rectangle

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



57, 69.931, 285.241



57, 69.931, 335.241



57, 69.931, 105.241



57, 69.931, 155.241

Sweetspot

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



57, 69.670, 285.147



86, 20.677, 269.490



90, 70.119, 158.950



44, 14.222, 270.160



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, 69.670, 285.147



50, 85.088, 291.600



40, 115.612, 304.886



50, 4.876, 267.144



36, 71.126, 292.824



10, 28.566, 287.144

Inverse Universe

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



58, 77.580, 3.553



55, 83.855, 10.645



96, 89.721, 108.724



50, 5.972, 350.510



41, 68.383, 12.238



10, 31.294, 5.166

Previews

White Background



This preview shows how the CIELCh color 57, 69.931, 285.241 looks on a white background.

Color Contrast Check

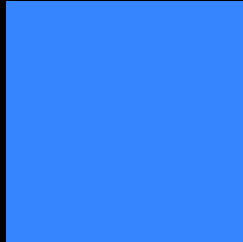
Large Text (above 18pt) WCAG AA ✓ Pass

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, 69.931, 285.241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

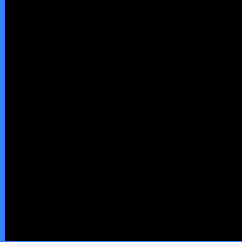
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

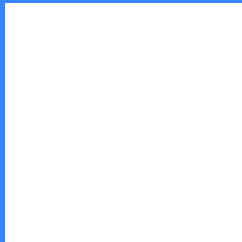
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 69.931, 285.241

Background



This preview shows how black text looks on a background with the CIELCh color 57, 69.931, 285.241.



This preview shows how white text looks on a background with the CIELCh color 57, 69.931, 285.241.

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

57, 69.913, 285.326

Protanopia

57, 69.073, 287.176

Deuteranopia

57, 61.575, 277.462



Tritanopia
57, 32.811, 206.763

Trichromacy



Original Color
57, 69.913, 285.326

Protanomaly
57, 69.168, 286.188

Deuteranomaly
57, 64.537, 280.112

Tritanomaly
56, 37.189, 248.743

Monochromacy



Original Color
57, 69.913, 285.326

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 26.677, 273.078

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 69.931, 285.241 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(54, 133, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 133, 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(54, 133, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 133, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 69.931, 285.241 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(54, 133, 255) }
```

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

```
.border{ border-color:rgb(54, 133, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 133, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 133, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 133, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 133,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 69.931, 285.241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 133, 255) }
```

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

```
.background{ background-color: rgb(54, 133,  
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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