

Converting Colors

CIELCh(57, 66.410, 283.421)

Have a look what the booklet for
CIELCh(57, 66.410, 283.421)
contains.

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Color

CIELCh(57, 66.166, 283.305)

Conversions

Conversions Part 1

Format	Color
Hex	3487FA
RGB	52, 135, 250
RGB Percent	20%, 53%, 98%
CMY	0.7967, 0.4710, 0.0200
CMYK	0.79, 0.46, 0.00, 0.02
HSL	215°, 95%, 59%
HSV	215°, 79%, 98%
XYZ	27.2964, 24.9227, 93.7256
YIQ	123.2930, -86.3830, 18.1690

Conversions

Conversions Part 2

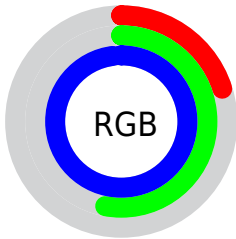
Format	Color
R _Y B	52, 110, 250
Decimal	3442682
CIE Lab	57.00, 15.23, -64.39
CIE LCh	57, 66.166, 283.305
Yxy	24.9227, 0.1870, 0.1708
Android (android.graphics.Color)	4281632762 (0xFF3487FA)
YUV	123.2930, 62.4666, -62.5240
Hunter-Lab	49.9226, 10.2346, -76.3663

Details

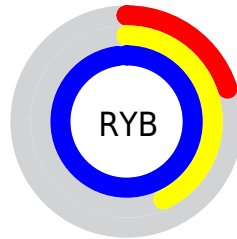
The CIELCh color **57, 66.166, 283.305** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **75, 70.876, 72.127**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.110, 267.674**, and **39, 65.352, 289.095** is the 20% darker color. If you saturate the color by 10%, you get **53, 75.005, 287.404**, and if you desaturate by 10%, it is **62, 57.552, 279.478**.

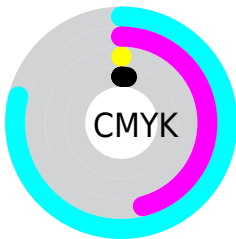
Distribution



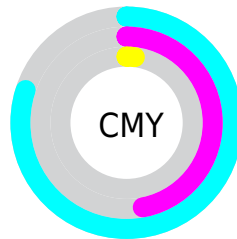
- Red (20%)
- Green (53%)
- Blue (98%)



- Red (20%)
- Yellow (43%)
- Blue (98%)



- Cyan (79%)
- Magenta (46%)
- Yellow (0%)
- Black (2%)





- Cyan (80%)
- Magenta (47%)
- Yellow (2%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 66.166, 283.305 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, 66.166, 283.305 by changing the saturation by 10% instead.


 57, 66.166,
283.305


 57, 66.166,
283.305


 100, 66.166,
283.305


 47, 66.166,
283.305


 77, 66.166,
283.305

 37, 66.166,
283.305

 87, 66.166,
283.305

 27, 66.166,
283.305

 97, 66.166,
283.305

 17, 66.166,
283.305

 7, 66.166, 283.305

 0, 66.166, 283.305

■ 57, 66.166,
283.305

■ 57, 66.166,
283.305

■ 53, 75.005,
287.404

■ 62, 57.552,
279.478

■ 49, 84.063,
291.521

■ 67, 49.104,
276.045

■ 48, 84.747,
291.808

■ 72, 40.752,
273.050

■ 77, 32.444,
270.482

■ 82, 24.155,
268.301

■ 88, 15.878,
266.455

■ 93, 7.622, 264.906

■ 99, 0.601, 82.917

100, 2.579,
109.955

Harmonies

Complementary

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



57, 66.166, 283.305



75, 70.876, 72.127

Rectangle

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



57, 66.166, 283.305



57, 66.166, 333.305



57, 66.166, 103.305



57, 66.166, 153.305

Sweetspot

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



57, 66.166, 283.306



87, 20.131, 267.297



88, 71.647, 156.895



44, 13.836, 267.972



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, 66.166, 283.306



51, 81.516, 289.842



39, 114.536, 304.541



49, 4.681, 264.940



37, 67.381, 291.072



10, 26.486, 284.865

Inverse Universe

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



57, 76.820, 1.691



55, 83.666, 8.381



95, 88.298, 106.961



49, 5.960, 349.042



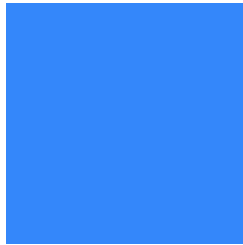
40, 67.448, 9.866



10, 30.540, 2.779

Previews

White Background



This preview shows how the CIE LCh color 57, 66.166, 283.305 looks on a white background.

Color Contrast Check

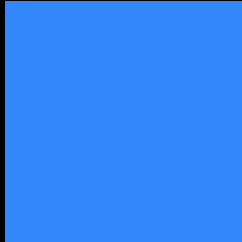
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 57, 66.166, 283.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

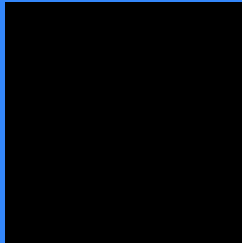
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

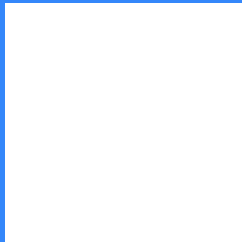
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 66.166, 283.305

Background



This preview shows how black text looks on a background with the CIELCh color 57, 66.166, 283.305.

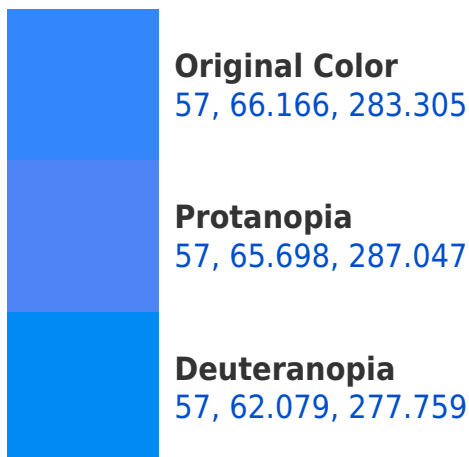



This preview shows how white text looks on a background with the CIELCh color 57, 66.166, 283.305.

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, 32.756, 207.831

Trichromacy



Original Color
57, 66.166, 283.305

Protanomaly
57, 65.885, 285.518

Deuteranomaly
57, 63.489, 279.335

Tritanomaly
56, 36.897, 247.870

Monochromacy



Original Color
57, 66.166, 283.305

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 25.718, 271.291

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 66.166, 283.305 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(52, 135, 250)` looks like.

```
.text, #text, p{  
    color:rgb(52, 135, 250)  
}
```

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(52, 135, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 135, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 66.166, 283.305 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(52, 135, 250) }
```

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

```
.border{ border-color:rgb(52, 135, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 135, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 135, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 135, 250);  
box-shadow:4px 4px 4px 4px rgb(52, 135,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 66.166, 283.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 135, 250) }
```

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

```
.background{ background-color: rgb(52, 135,  
250) }
```

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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