

Converting Colors

CIELCh(57, 65.316, 281.305)

Have a look what the booklet for
CIELCh(57, 65.316, 281.305)
contains.

CIELCh(57, 65.367, 281.420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 65.367, 281.420)

Conversions

Conversions Part 1

Format	Color
Hex	2588F9
RGB	37, 136, 249
RGB Percent	15%, 53%, 98%
CMY	0.8562, 0.4657, 0.0224
CMYK	0.85, 0.45, 0.00, 0.02
HSL	212°, 95%, 56%
HSV	212°, 85%, 98%
XYZ	26.7332, 24.9227, 93.2577
YIQ	119.2810, -95.2770, 14.1550

Conversions

Conversions Part 2

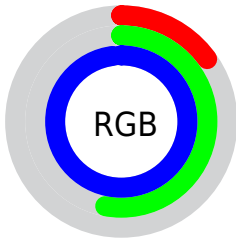
Format	Color
R _Y B	37, 104, 249
Decimal	2459897
CIE Lab	57.00, 12.94, -64.07
CIE LCh	57, 65.367, 281.420
Yxy	24.9227, 0.1845, 0.1720
Android (android.graphics.Color)	4280649977 (0xFF2588F9)
YUV	119.2810, 63.9515, -72.1604
Hunter-Lab	49.9226, 8.2210, -75.8106

Details

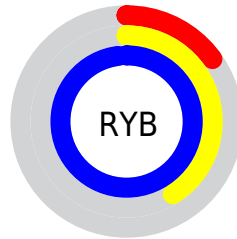
The CIELCh color **57, 65.367, 281.420** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **71, 75.253, 66.498**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.361, 264.681**, and **39, 64.145, 288.456** is the 20% darker color. If you saturate the color by 10%, you get **53, 73.238, 285.850**, and if you desaturate by 10%, it is **61, 57.705, 277.212**.

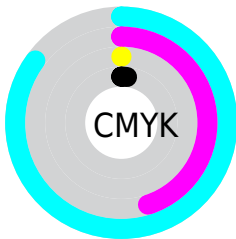
Distribution



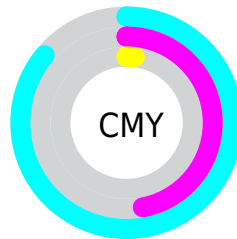
- Red (15%)
- Green (53%)
- Blue (98%)



- Red (15%)
- Yellow (41%)
- Blue (98%)



- Cyan (85%)
- Magenta (45%)
- Yellow (0%)
- Black (2%)





- Cyan (86%)
- Magenta (47%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 65.367, 281.420 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, 65.367, 281.420 by changing the saturation by 10% instead.


 57, 65.367,
281.420


 57, 65.367,
281.420


 100, 65.367,
281.420


 47, 65.367,
281.420


 77, 65.367,
281.420

 37, 65.367,
281.420

 87, 65.367,
281.420

 27, 65.367,
281.420

 97, 65.367,
281.420

 17, 65.367,
281.420

 7, 65.367, 281.420

 0, 65.367, 281.420

■ 57, 65.367,
281.420

■ 57, 65.367,
281.420

■ 53, 73.238,
285.850

■ 61, 57.705,
277.212

■ 51, 77.045,
287.884

■ 66, 50.166,
273.393

■ 70, 42.653,
270.042

■ 75, 35.098,
267.166

■ 80, 27.468,
264.728

■ 85, 19.758,
262.675

■ 90, 11.980,
260.953

■ 95, 4.155, 259.549

100, 2.887,
109.936

Harmonies

Complementary

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



57, 65.367, 281.420



71, 75.253, 66.498

Rectangle

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



57, 65.367, 281.420



57, 65.367, 331.420



57, 65.367, 101.420



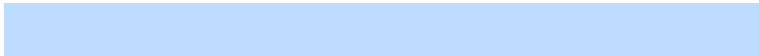
57, 65.367, 151.420

Sweetspot

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



57, 65.367, 281.421



87, 20.687, 262.816



87, 78.980, 152.868



44, 14.006, 263.497



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, 65.367, 281.421



52, 78.478, 287.940



35, 121.765, 305.009



49, 4.471, 260.094



39, 61.409, 287.094



11, 24.293, 280.455

Inverse Universe

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



55, 80.030, 359.773



55, 84.427, 6.054



95, 91.214, 104.081



49, 6.148, 346.170



40, 67.349, 5.111



10, 30.802, 358.750

Previews

White Background



This preview shows how the CIELCh color 57, 65.367, 281.420 looks on a white background.

Color Contrast Check

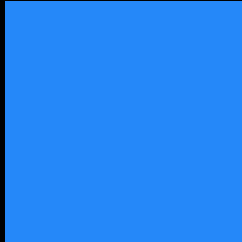
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.367, 281.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

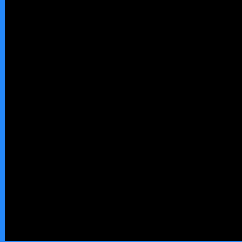
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

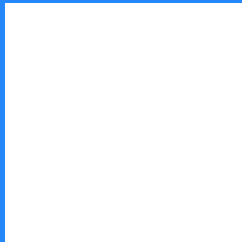
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 65.367, 281.420

Background



This preview shows how black text looks on a background with the CIELCh color 57, 65.367, 281.420.

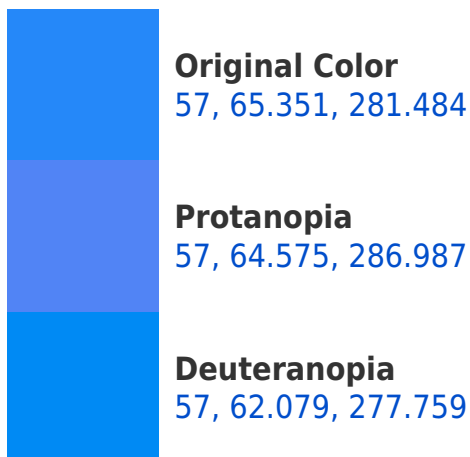


This preview shows how white text looks on a background with the CIELCh color 57, 65.367, 281.420.

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, 32.811, 206.763

Trichromacy



Original Color
57, 65.351, 281.484

Protanomaly
57, 64.870, 284.425

Deuteranomaly
57, 63.542, 279.140

Tritanomaly
57, 36.555, 245.611

Monochromacy



Original Color
57, 65.351, 281.484

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 25.858, 267.220

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 65.367, 281.420 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(37, 136, 249)` looks like.

```
.text, #text, p{  
    color:rgb(37, 136, 249)  
}
```

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(37, 136, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 136, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 65.367, 281.420 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(37, 136, 249) }
```

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

```
.border{ border-color:rgb(37, 136, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 136, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 136, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 136, 249);  
box-shadow:4px 4px 4px 4px rgb(37, 136,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 65.367, 281.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 136, 249) }
```

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

```
.background{ background-color: rgb(37, 136,  
249) }
```

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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