

Converting Colors

CIELCh(57, 68.501, 281.574)

Have a look what the booklet for
CIELCh(57, 68.501, 281.574)
contains.

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Color

CIELCh(57, 68.761, 281.727)

Conversions

Conversions Part 1

Format	Color
Hex	0788FF
RGB	7, 136, 255
RGB Percent	3%, 53%, 100%
CMY	0.9723, 0.4661, 0.0000
CMYK	0.97, 0.47, 0.00, 0.00
HSL	209°, 100%, 51%
HSV	209°, 97%, 100%
XYZ	26.9869, 24.9227, 98.1317
YIQ	110.9950, -115.0830, 9.6610

Conversions

Conversions Part 2

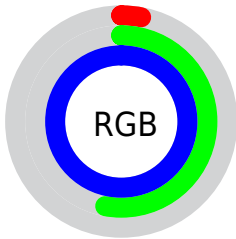
Format	Color
R _Y B	7, 92, 255
Decimal	493823
CIE Lab	57.00, 13.98, -67.33
CIE LCh	57, 68.761, 281.727
Yxy	24.9227, 0.1799, 0.1661
Android (android.graphics.Color)	4278683903 (0xFF0788FF)
YUV	110.9950, 70.9945, -91.2036
Hunter-Lab	49.9226, 9.1280, -81.5991

Details

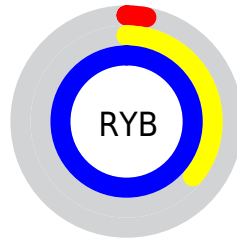
The CIELCh color **57, 68.761, 281.727** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **67, 84.987, 58.891**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 40.018, 262.696**, and **39, 66.960, 289.479** is the 20% darker color. If you saturate the color by 10%, you get **56, 70.625, 282.956**, and if you desaturate by 10%, it is **61, 61.846, 276.961**.

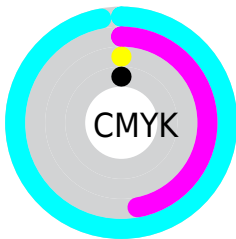
Distribution



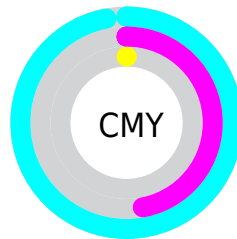
- Red (3%)
- Green (53%)
- Blue (100%)



- Red (3%)
- Yellow (36%)
- Blue (100%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 68.761, 281.727 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, 68.761, 281.727 by changing the saturation by 10% instead.

 57, 68.761,
281.727


 57, 68.761,
281.727

 100, 68.761,
281.727

 47, 68.761,
281.727


 77, 68.761,
281.727

 37, 68.761,
281.727

 87, 68.761,
281.727

 27, 68.761,
281.727

 97, 68.761,
281.727

 17, 68.761,
281.727

 7, 68.761, 281.727

 0, 68.761, 281.727

■ 57, 68.761,
281.727

■ 57, 68.761,
281.727

■ 56, 70.625,
282.956

■ 61, 61.846,
276.961

■ 65, 55.182,
272.483

■ 69, 48.549,
268.446

■ 73, 41.825,
264.929

■ 78, 34.935,
261.934

■ 82, 27.849,
259.418

■ 87, 20.571,
257.318

■ 92, 13.127,

255.573

■ 96, 5.550, 254.150

Harmonies

Complementary

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



57, 68.761, 281.727



67, 84.987, 58.891

Rectangle

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



57, 68.761, 281.727



57, 68.761, 331.727



57, 68.761, 101.727



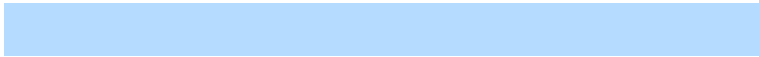
57, 68.761, 151.727

Sweetspot

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



57, 68.677, 281.690



86, 21.870, 257.661



88, 91.543, 147.663



44, 14.945, 258.538



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, 68.677, 281.690



56, 70.625, 282.956



33, 131.257, 305.837



51, 4.355, 254.442



42, 55.931, 282.090



12, 22.866, 275.376

Inverse Universe

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



55, 84.701, 359.832



55, 84.914, 0.947



95, 94.076, 100.755



50, 6.472, 343.301



41, 68.512, 0.162



11, 32.078, 354.886

Previews

White Background



This preview shows how the CIELCh color 57, 68.761, 281.727 looks on a white background.

Color Contrast Check

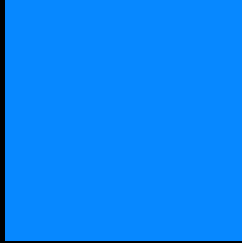
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.761, 281.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

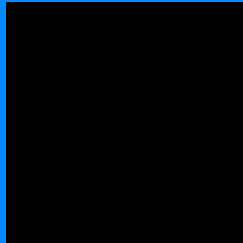
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

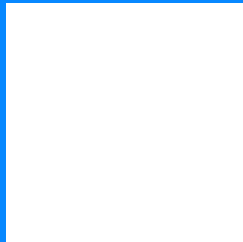
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 68.761, 281.727

Background



This preview shows how black text looks on a background with the CIELCh color 57, 68.761, 281.727.



This preview shows how white text looks on a background with the CIELCh color 57, 68.761, 281.727.

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, 68.755, 281.748

Protanomaly
57, 67.826, 283.983

Deuteranomaly
57, 63.578, 278.694

Tritanomaly
57, 37.411, 246.829

Monochromacy



Original Color
57, 68.755, 281.748

Achromatopsia
47, 0.006, 296.813

Achromatomaly
49, 28.110, 263.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 68.761, 281.727 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(7, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(7, 136, 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(7, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 136, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 68.761, 281.727 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(7, 136, 255) }
```

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

```
.border{ border-color:rgb(7, 136, 255) }
```

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

Here you see how a box with a 4 pixel rgb(7, 136, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(7, 136,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 68.761, 281.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 136, 255) }
```

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

```
.background{ background-color: rgb(7, 136,  
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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