

Converting Colors

CIELCh(57, 67.722, 280.925)

Have a look what the booklet for
CIELCh(57, 67.722, 280.925)
contains.

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Color

CIELCh(57, 67.722, 280.925)

Conversions

Conversions Part 1

Format	Color
Hex	0089FE
RGB	0, 137, 254
RGB Percent	0%, 54%, 100%
CMY	1.0000, 0.4640, 0.0053
CMYK	1.00, 0.46, 0.00, 0.01
HSL	208°, 100%, 50%
HSV	208°, 100%, 99%
XYZ	26.7069, 24.9227, 96.8706
YIQ	109.3750, -119.2090, 7.3430

Conversions

Conversions Part 2

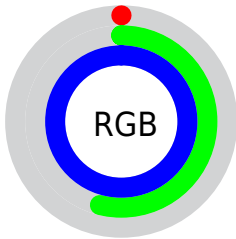
Format	Color
R _Y B	0, 89, 254
Decimal	35326
CIE Lab	57.00, 12.83, -66.49
CIE LCh	57, 67.722, 280.925
Yxy	24.9227, 0.1798, 0.1678
Android (android.graphics.Color)	4278225406 (0xFF0089FE)
YUV	109.3750, 71.3001, -95.9219
Hunter-Lab	49.9226, 8.1267, -80.1014

Details

The CIELCh color **57, 67.722, 280.925** 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 **65, 86.827, 56.704**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 39.764, 261.569**, and **40, 65.755, 288.864** is the 20% darker color. If you saturate the color by 10%, you get **57, 67.709, 280.973**, and if you desaturate by 10%, it is **60, 61.270, 276.175**.

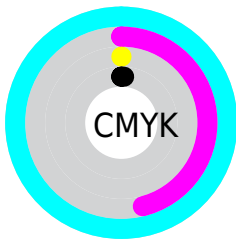
Distribution



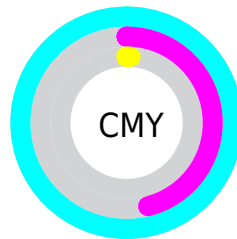
- Red (0%)
- Green (54%)
- Blue (100%)



- Red (0%)
- Yellow (35%)
- Blue (100%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (1%)





- Cyan (100%)
- Magenta (46%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 67.722, 280.925 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, 67.722, 280.925 by changing the saturation by 10% instead.


 57, 67.722,
280.925


 57, 67.722,
280.925


 100, 67.722,
280.925


 47, 67.722,
280.925


 77, 67.722,
280.925

 37, 67.722,
280.925

 87, 67.722,
280.925

 27, 67.722,
280.925

 97, 67.722,
280.925

 17, 67.722,
280.925

 7, 67.722, 280.925

 0, 67.722, 280.925

■ 57, 67.722,
280.925

■ 57, 67.722,
280.925

■ 57, 67.709,
280.973

■ 60, 61.270,
276.175

■ 64, 55.020,
271.537

■ 68, 48.793,
267.332

■ 72, 42.454,
263.658

■ 77, 35.916,
260.527

■ 81, 29.142,
257.901

■ 85, 22.132,
255.716

■ 90, 14.914,

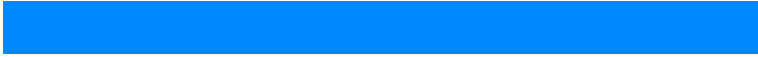
253.905

■ 95, 7.526, 252.419

Harmonies

Complementary

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



57, 67.722, 280.925



65, 86.827, 56.704

Rectangle

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



57, 67.722, 280.925



57, 67.722, 330.925



57, 67.722, 100.925



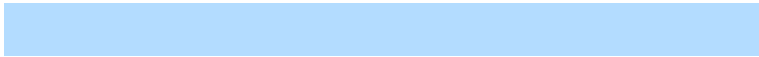
57, 67.722, 150.925

Sweetspot

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



57, 67.709, 280.973



86, 22.228, 255.717



88, 94.165, 146.294



44, 15.088, 256.590



0, 0.000, 0.000



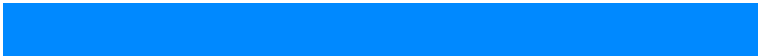
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 67.709, 280.973



57, 68.002, 280.987



33, 131.300, 305.877



51, 4.299, 252.354



43, 53.881, 280.100



13, 22.127, 273.253

Inverse Universe

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



55, 84.927, 359.187



55, 85.268, 359.199



93, 92.995, 99.519



50, 6.553, 342.343



41, 68.824, 358.455



11, 32.289, 353.470

Previews

White Background



This preview shows how the CIE LCh color 57, 67.722, 280.925 looks on a white background.

Color Contrast Check

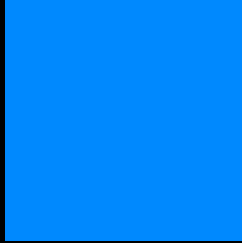
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.722, 280.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

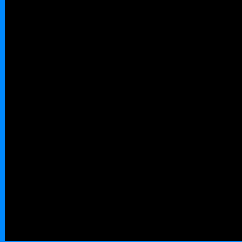
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

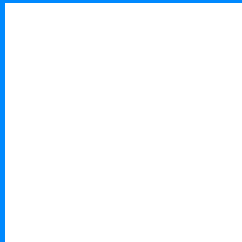
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 67.722, 280.925

Background



This preview shows how black text looks on a background with the CIELCh color 57, 67.722, 280.925.



This preview shows how white text looks on a background with the CIELCh color 57, 67.722, 280.925.

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

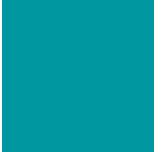
57, 67.722, 280.925

Protanopia

57, 66.819, 287.119

Deuteranopia

57, 61.551, 277.256



Tritanopia
57, 32.811, 206.763

Trichromacy



Original Color
57, 67.722, 280.925

Protanomaly
57, 67.318, 283.688

Deuteranomaly
57, 64.106, 278.901

Tritanomaly
57, 37.480, 246.704

Monochromacy



Original Color
57, 67.722, 280.925

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 28.440, 262.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 67.722, 280.925 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(0, 137, 254)` looks like.

```
.text, #text, p{  
    color:rgb(0, 137, 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(0, 137, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 137, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 67.722, 280.925 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(0, 137, 254) }
```

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

```
.border{ border-color:rgb(0, 137, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 137, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 137, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 137, 254);  
box-shadow:4px 4px 4px 4px rgb(0, 137,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 67.722, 280.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 137, 254) }
```

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

```
.background{ background-color: rgb(0, 137,  
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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