

Converting Colors

CIELCh(57, 58.980, 277.723)

Have a look what the booklet for
CIELCh(57, 58.980, 277.723)
contains.

CIELCh(57, 59.104, 277.895)	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, 59.104, 277.895)

Conversions

Conversions Part 1

Format	Color
Hex	278AEF
RGB	39, 138, 239
RGB Percent	15%, 54%, 94%
CMY	0.8485, 0.4578, 0.0616
CMYK	0.84, 0.42, 0.00, 0.06
HSL	210°, 86%, 54%
HSV	210°, 84%, 94%
XYZ	25.5695, 24.9227, 85.3482
YIQ	119.9130, -91.4250, 10.4230

Conversions

Conversions Part 2

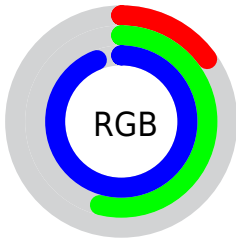
Format	Color
R_{YB}	39, 105, 239
Decimal	2591471
CIE _{Lab}	57.00, 8.12, -58.54
CIE _{LCh}	57, 59.104, 277.895
Yxy	24.9227, 0.1882, 0.1835
Android (android.graphics.Color)	4280781551 (0xFF278AEF)
YUV	119.9130, 58.7099, -70.9607
Hunter-Lab	49.9226, 4.0601, -66.4169

Details

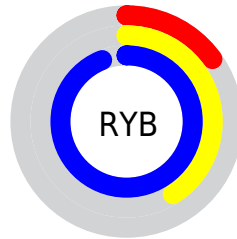
The CIELCh color **57, 59.104, 277.895** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **67, 72.078, 64.356**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.831, 262.370**, and **39, 57.244, 285.080** is the 20% darker color. If you saturate the color by 10%, you get **53, 66.057, 282.436**, and if you desaturate by 10%, it is **61, 52.304, 273.652**.

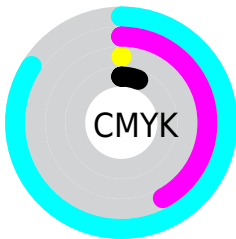
Distribution



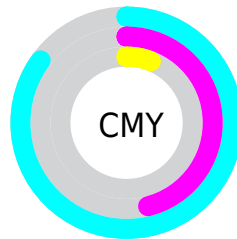
- Red (15%)
- Green (54%)
- Blue (94%)



- Red (15%)
- Yellow (41%)
- Blue (94%)



- Cyan (84%)
- Magenta (42%)
- Yellow (0%)
- Black (6%)



- Cyan (85%)
- Magenta (46%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 59.104, 277.895 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, 59.104, 277.895 by changing the saturation by 10% instead.

■ 57, 59.104,
277.895

■ 57, 59.104,
277.895

■ 100, 59.104,
277.895

■ 47, 59.104,
277.895

■ 77, 59.104,
277.895

■ 37, 59.104,
277.895

■ 87, 59.104,
277.895

■ 27, 59.104,
277.895

■ 97, 59.104,
277.895

■ 17, 59.104,
277.895

■ 7, 59.104, 277.895

■ 0, 59.104, 277.895

■ 57, 59.104,
277.895

■ 57, 59.104,
277.895

■ 53, 66.057,
282.436

■ 61, 52.304,
273.652

■ 51, 70.457,
285.202

■ 65, 45.545,
269.851

■ 69, 38.731,
266.550

■ 74, 31.804,
263.738

■ 79, 24.741,
261.369

■ 83, 17.550,
259.385

■ 88, 10.250,
257.729

■ 93, 2.870, 256.425

Harmonies

Complementary

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



57, 59.104, 277.895



67, 72.078, 64.356

Rectangle

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



57, 59.104, 277.895



57, 59.104, 327.895



57, 59.104, 97.895



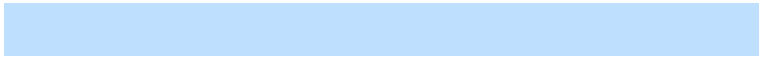
57, 59.104, 147.895

Sweetspot

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



57, 59.103, 277.896



88, 19.348, 259.610



84, 76.889, 152.353



45, 13.171, 260.284



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, 59.103, 277.896



54, 74.189, 285.367



34, 116.501, 304.658



48, 4.218, 257.101



40, 56.801, 284.391



10, 21.511, 276.711

Inverse Universe

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



54, 77.623, 356.892



55, 84.592, 3.286



92, 87.662, 103.203



47, 6.052, 344.594



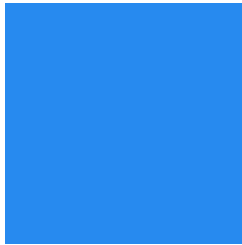
39, 66.184, 2.312



8, 29.412, 355.832

Previews

White Background



This preview shows how the CIE LCh color 57, 59.104, 277.895 looks on a white background.

Color Contrast Check

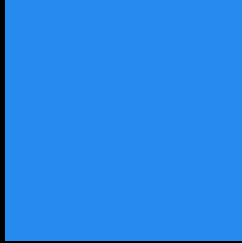
Large Text (above 18pt) WCAG AA ✓ Pass

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, 59.104, 277.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

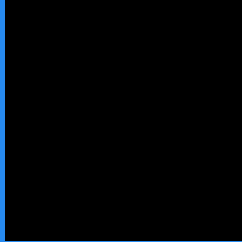
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

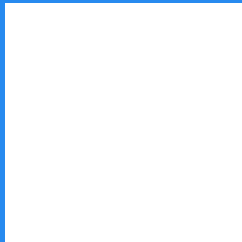
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 59.104, 277.895

Background



This preview shows how black text looks on a background with the CIELCh color 57, 59.104, 277.895.

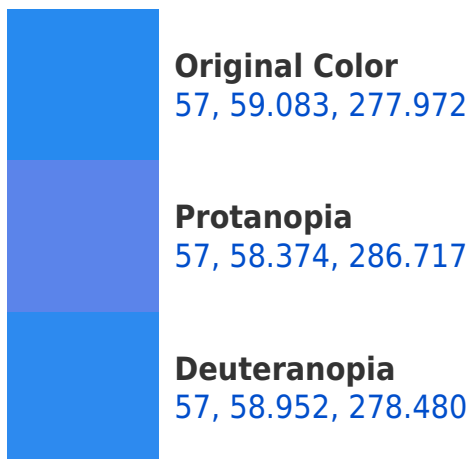


This preview shows how white text looks on a background with the CIELCh color 57, 59.104, 277.895.

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, 59.083, 277.972

Protanomaly
57, 58.849, 282.939

Deuteranomaly
57, 58.997, 278.302

Tritanomaly
56, 35.646, 243.087

Monochromacy



Original Color
57, 59.083, 277.972

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 23.485, 262.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 59.104, 277.895 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(39, 138, 239)` looks like.

```
.text, #text, p{  
    color:rgb(39, 138, 239)  
}
```

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(39, 138, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 138, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 59.104, 277.895 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(39, 138, 239) }
```

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

```
.border{ border-color:rgb(39, 138, 239) }
```

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

Here you see how a box with a 4 pixel rgb(39, 138, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 138, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 138, 239);  
box-shadow:4px 4px 4px 4px rgb(39, 138,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 59.104, 277.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 138, 239) }
```

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

```
.background{ background-color: rgb(39, 138,  
239) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor