

Converting Colors

CIELCh(59, 62.516, 287.448)

Have a look what the booklet for
CIELCh(59, 62.516, 287.448)
contains.

CIELCh(59, 62.411, 287.379)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 62.411, 287.379)

Conversions

Conversions Part 1

Format	Color
Hex	5E89F7
RGB	94, 137, 247
RGB Percent	37%, 54%, 97%
CMY	0.6308, 0.4624, 0.0309
CMYK	0.62, 0.45, 0.00, 0.03
HSL	223°, 91%, 67%
HSV	223°, 62%, 97%
XYZ	30.3943, 27.0277, 91.7011
YIQ	136.6830, -60.9380, 25.0940

Conversions

Conversions Part 2

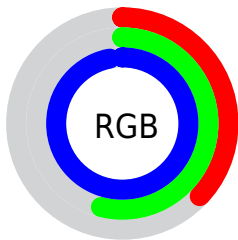
Format	Color
R _Y B	94, 128, 247
Decimal	6195703
CIE Lab	59.00, 18.64, -59.56
CIE LCh	59, 62.411, 287.379
Yxy	27.0277, 0.2038, 0.1812
Android (android.graphics.Color)	4284385783 (0xFF5E89F7)
YUV	136.6830, 54.3863, -37.4330
Hunter-Lab	51.9882, 13.3786, -68.1889

Details

The CIELCh color **59, 62.411, 287.379** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **84, 59.241, 86.925**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 35.933, 276.899**, and **39, 62.378, 287.568** is the 20% darker color. If you saturate the color by 10%, you get **53, 73.542, 290.521**, and if you desaturate by 10%, it is **65, 51.616, 284.568**.

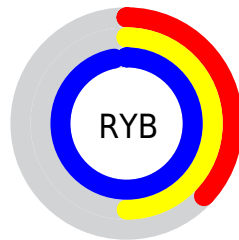
Distribution



Red (37%)

Green (54%)

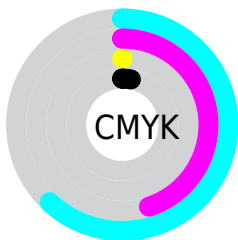
Blue (97%)



Red (37%)

Yellow (50%)

Blue (97%)

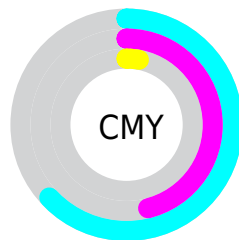


Cyan (62%)

Magenta (45%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (46%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 62.411, 287.379 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 59, 62.411, 287.379 by changing the saturation by 10% instead.

■ 59, 62.411,
287.379

■ 59, 62.411,
287.379

■ 100, 62.411,
287.379

■ 49, 62.411,
287.379

■ 79, 62.411,
287.379

■ 39, 62.411,
287.379

■ 89, 62.411,
287.379

■ 29, 62.411,
287.379

■ 99, 62.411,
287.379

■ 19, 62.411,
287.379

■ 9, 62.411, 287.379

■ 0, 62.411, 287.379

■ 59, 62.411,
287.379

■ 59, 62.411,
287.379

■ 53, 73.542,
290.521

■ 65, 51.616,
284.568

■ 48, 84.941,
293.889

■ 71, 41.142,
282.115

■ 43, 96.340,
297.293

■ 77, 30.952,
280.004

■ 40, 105.199,
299.853

■ 84, 21.012,
278.202

■ 90, 11.299,
276.668

■ 96, 1.798, 275.459

■ 100, 3.989,
109.861

Harmonies

Complementary

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



59, 62.411, 287.379



84, 59.241, 86.925

Rectangle

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



59, 62.411, 287.379



59, 62.411, 337.379



59, 62.411, 107.379



59, 62.411, 157.379

Sweetspot

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



59, 62.410, 287.380



88, 18.635, 277.735



89, 51.295, 169.980



45, 12.866, 278.200



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 62.410, 287.380



54, 77.883, 291.253



51, 87.974, 304.709



48, 5.339, 276.334



29, 83.573, 299.285



6, 31.557, 293.252

Inverse Universe

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



61, 62.344, 7.155



59, 74.263, 11.196



92, 74.644, 114.841



48, 5.428, 358.152



39, 69.902, 22.853



9, 29.724, 12.401

Previews

White Background



This preview shows how the CIELCh color 59, 62.411, 287.379 looks on a white background.

Color Contrast Check

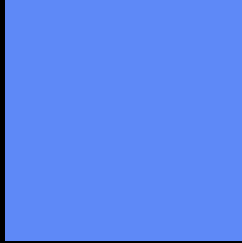
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 62.411, 287.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

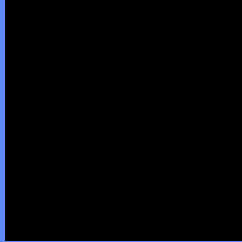
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

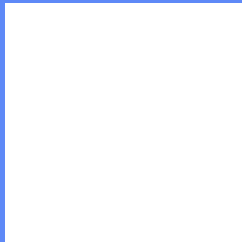
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 62.411, 287.379

Background



This preview shows how black text looks on a background with the CIELCh color 59, 62.411, 287.379.



This preview shows how white text looks on a background with the CIELCh color 59, 62.411, 287.379.

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


59, 62.411, 287.379

Protanopia

59, 62.446, 286.620

Deuteranopia

59, 59.571, 279.105



Tritanopia
59, 28.848, 212.036

Trichromacy



Original Color
59, 62.411, 287.379

Protanomaly
59, 62.420, 286.789

Deuteranomaly
59, 60.256, 281.808

Tritanomaly
58, 33.701, 254.628

Monochromacy



Original Color
59, 62.411, 287.379

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 23.237, 279.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 62.411, 287.379 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(94, 137, 247)` looks like.

```
.text, #text, p{  
    color:rgb(94, 137, 247)  
}
```

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(94, 137, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 137, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 62.411, 287.379 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(94, 137, 247) }
```

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

```
.border{ border-color:rgb(94, 137, 247) }
```

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

Here you see how a box with a 4 pixel rgb(94, 137, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 137, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 137, 247);  
box-shadow:4px 4px 4px 4px rgb(94, 137,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 62.411, 287.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 137, 247) }
```

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

```
.background{ background-color: rgb(94, 137,  
247) }
```

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