

Converting Colors

CIELCh(59, 67.719, 288.944)

Have a look what the booklet for
CIELCh(59, 67.719, 288.944)
contains.

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Color

CIELCh(59, 67.348, 288.692)

Conversions

Conversions Part 1

Format	Color
Hex	5C88FF
RGB	92, 136, 255
RGB Percent	36%, 53%, 100%
CMY	0.6401, 0.4674, 0.0008
CMYK	0.64, 0.47, 0.00, 0.00
HSL	224°, 100%, 68%
HSV	224°, 64%, 100%
XYZ	31.1857, 27.0277, 98.0072
YIQ	136.4100, -64.4230, 27.6810

Conversions

Conversions Part 2

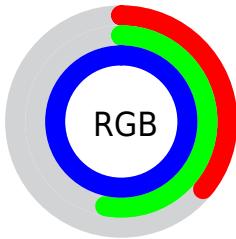
Format	Color
R _Y B	92, 127, 255
Decimal	6064383
CIE Lab	59.00, 21.58, -63.80
CIE LCh	59, 67.348, 288.692
Yxy	27.0277, 0.1996, 0.1730
Android (android.graphics.Color)	4284254463 (0xFF5C88FF)
YUV	136.4100, 58.4649, -38.9476
Hunter-Lab	51.9882, 16.0958, -75.3806

Details

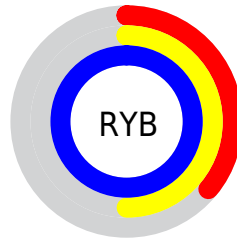
The CIELCh color **59, 67.348, 288.692** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **86, 63.034, 87.438**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.405, 277.679**, and **39, 66.960, 289.479** is the 20% darker color. If you saturate the color by 10%, you get **53, 79.040, 291.867**, and if you desaturate by 10%, it is **65, 56.002, 285.826**.

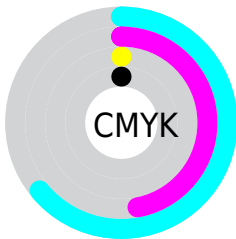
Distribution



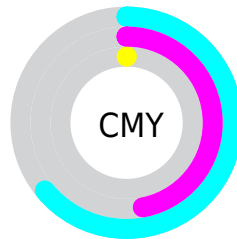
- Red (36%)
- Green (53%)
- Blue (100%)



- Red (36%)
- Yellow (50%)
- Blue (100%)



- Cyan (64%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (64%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 67.348, 288.692 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, 67.348, 288.692 by changing the saturation by 10% instead.


 59, 67.348,
288.692


 59, 67.348,
288.692


 100, 67.348,
288.692


 49, 67.348,
288.692


 79, 67.348,
288.692

 39, 67.348,
288.692

 89, 67.348,
288.692

 29, 67.348,
288.692

 99, 67.348,
288.692

 19, 67.348,
288.692

 9, 67.348, 288.692

 0, 67.348, 288.692

■ 59, 67.348,
288.692

■ 59, 67.348,
288.692

■ 53, 79.040,
291.867

■ 65, 56.002,
285.826

■ 48, 90.952,
295.221

■ 71, 45.009,
283.311

■ 43, 102.697,
298.540

■ 78, 34.333,
281.142

■ 40, 109.409,
300.368

■ 84, 23.939,
279.287

■ 91, 13.798,
277.708

■ 97, 3.893, 276.394

■ 100, 0.093,
109.336

Harmonies

Complementary

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



59, 67.348, 288.692



86, 63.034, 87.438

Rectangle

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



59, 67.348, 288.692



59, 67.348, 338.692



59, 67.348, 108.692



59, 67.348, 158.692

Sweetspot

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



59, 67.348, 288.693



88, 18.868, 278.469



91, 53.858, 169.641



45, 13.029, 278.931



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, 67.348, 288.693



51, 82.677, 292.869



51, 93.340, 304.971



50, 5.587, 277.083



30, 86.698, 299.825



7, 34.761, 295.028

Inverse Universe

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



62, 65.795, 8.625



58, 76.605, 13.264



95, 78.587, 114.769



50, 5.586, 358.913



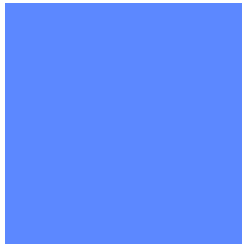
40, 71.787, 23.901



10, 31.596, 14.741

Previews

White Background



This preview shows how the CIELCh color 59, 67.348, 288.692 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 59, 67.348, 288.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

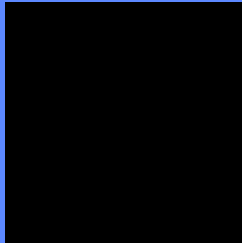
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

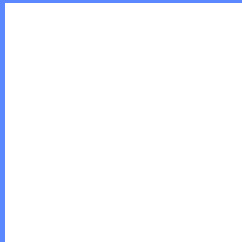
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 67.348, 288.692

Background



This preview shows how black text looks on a background with the CIELCh color 59, 67.348, 288.692.



This preview shows how white text looks on a background with the CIELCh color 59, 67.348, 288.692.

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, 67.348, 288.692

Protanopia

59, 66.948, 287.140

Deuteranopia

59, 63.177, 278.341



Tritanopia
59, 30.784, 209.803

Trichromacy



Original Color
59, 67.348, 288.692

Protanomaly
59, 66.877, 287.569

Deuteranomaly
59, 64.897, 281.593

Tritanomaly
59, 35.494, 253.519

Monochromacy



Original Color
59, 67.348, 288.692

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 24.914, 280.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 67.348, 288.692 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(92, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 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(92, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 136, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 67.348, 288.692 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(92, 136, 255) }
```

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

```
.border{ border-color:rgb(92, 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(92, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 136,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 67.348, 288.692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 136, 255) }
```

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

```
.background{ background-color: rgb(92, 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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