

Converting Colors

CIELCh(59, 49.160, 271.513)

Have a look what the booklet for
CIELCh(59, 49.160, 271.513)
contains.

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Color

CIELCh(59, 49.078, 271.364)

Conversions

Conversions Part 1

Format	Color
Hex	3992E4
RGB	57, 146, 228
RGB Percent	22%, 57%, 89%
CMY	0.7764, 0.4275, 0.1059
CMYK	0.75, 0.36, 0.00, 0.11
HSL	209°, 76%, 56%
HSV	209°, 75%, 89%
XYZ	25.9686, 27.0277, 77.2446
YIQ	128.7370, -79.3660, 6.6340

Conversions

Conversions Part 2

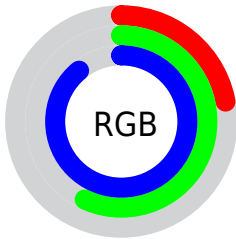
Format	Color
R _Y B	57, 116, 228
Decimal	3773156
CIE Lab	59.00, 1.17, -49.06
CIE LCh	59, 49.078, 271.364
Yxy	27.0277, 0.1994, 0.2075
Android (android.graphics.Color)	4281963236 (0xFF3992E4)
YUV	128.7370, 48.9367, -62.9133
Hunter-Lab	51.9882, -1.8170, -51.7019

Details

The CIELCh color **59, 49.078, 271.364** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **66, 62.330, 63.806**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.086, 256.330**, and **40, 47.545, 277.466** is the 20% darker color. If you saturate the color by 10%, you get **55, 55.146, 275.709**, and if you desaturate by 10%, it is **63, 43.004, 267.487**.

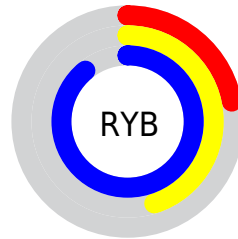
Distribution



Red (22%)

Green (57%)

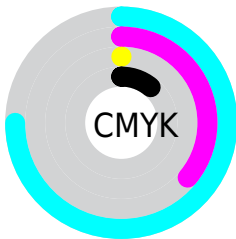
Blue (89%)



Red (22%)

Yellow (45%)

Blue (89%)

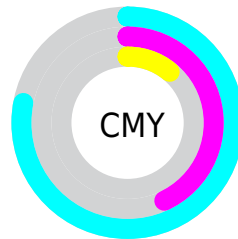


Cyan (75%)

Magenta (36%)

Yellow (0%)

Black (11%)



Cyan (78%)

Magenta (43%)

Yellow (11%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 49.078, 271.364 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, 49.078, 271.364 by changing the saturation by 10% instead.

 59, 49.078,
271.364

 59, 49.078,
271.364

 100, 49.078,
271.364

 49, 49.078,
271.364

 79, 49.078,
271.364

 39, 49.078,
271.364

 89, 49.078,
271.364

 29, 49.078,
271.364

 99, 49.078,
271.364

 19, 49.078,
271.364

 9, 49.078, 271.364

 0, 49.078, 271.364

■ 59, 49.078,
271.364

■ 59, 49.078,
271.364

■ 55, 55.146,
275.709

■ 63, 43.004,
267.487

■ 52, 61.332,
280.368

■ 67, 36.826,
264.129

■ 50, 64.525,
282.665

■ 71, 30.488,
261.279

■ 75, 23.970,
258.886

■ 80, 17.282,
256.890

■ 84, 10.451,
255.231

■ 88, 3.508, 253.907

■ 93, 3.514, 72.480

Harmonies

Complementary

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



59, 49.078, 271.364



66, 62.330, 63.806

Rectangle

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



59, 49.078, 271.364



59, 49.078, 321.364



59, 49.078, 91.364



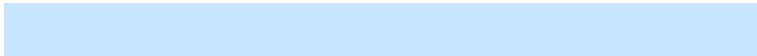
59, 49.078, 141.364

Sweetspot

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



59, 49.077, 271.365



89, 16.696, 256.383



81, 70.607, 152.542



46, 11.193, 256.866



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, 49.077, 271.365



60, 63.734, 278.274



38, 98.323, 302.037



46, 3.995, 254.447



40, 52.902, 281.862



9, 19.098, 272.988

Inverse Universe

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



53, 71.511, 352.509



56, 83.860, 357.084



87, 77.305, 101.848



45, 5.934, 343.300



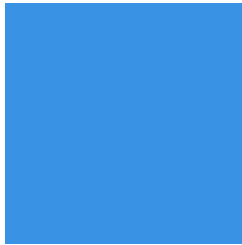
38, 65.117, 359.959



7, 27.824, 353.400

Previews

White Background



This preview shows how the CIE LCh color 59, 49.078, 271.364 looks on a white background.

Color Contrast Check

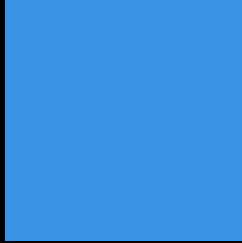
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.078, 271.364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

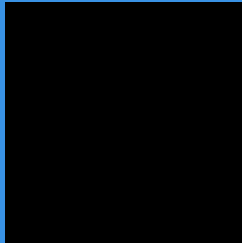
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

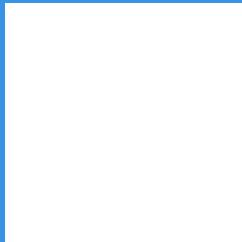
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 49.078, 271.364

Background



This preview shows how black text looks on a background with the CIELCh color 59, 49.078, 271.364.

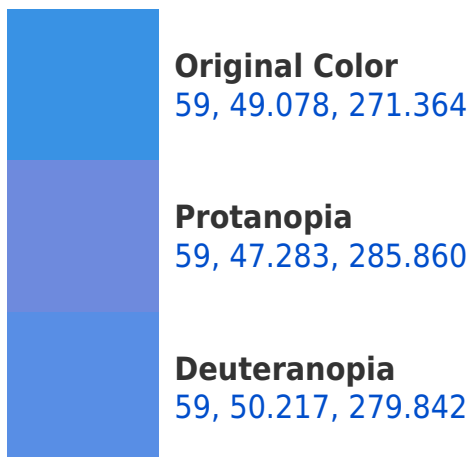


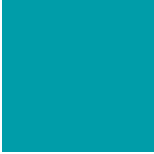
This preview shows how white text looks on a background with the CIELCh color 59, 49.078, 271.364.

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
59, 33.678, 208.452

Trichromacy



Original Color
59, 49.078, 271.364

Protanomaly
59, 47.993, 279.700

Deuteranomaly
59, 50.171, 276.988

Tritanomaly
59, 34.451, 235.415

Monochromacy



Original Color
59, 49.078, 271.364

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 19.835, 259.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 49.078, 271.364 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(57, 146, 228)` looks like.

```
.text, #text, p{  
    color:rgb(57, 146, 228)  
}
```

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(57, 146, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 146, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 49.078, 271.364 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(57, 146, 228) }
```

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

```
.border{ border-color:rgb(57, 146, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 146, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 146, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 146, 228);  
box-shadow:4px 4px 4px 4px rgb(57, 146,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 49.078, 271.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 146, 228) }
```

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

```
.background{ background-color: rgb(57, 146,  
228) }
```

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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