

Converting Colors

CIELCh(59, 44.657, 274.576)

Have a look what the booklet for
CIELCh(59, 44.657, 274.576)
contains.

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Color

CIELCh(59, 44.744, 274.716)

Conversions

Conversions Part 1

Format	Color
Hex	5490DC
RGB	84, 144, 220
RGB Percent	33%, 56%, 86%
CMY	0.6702, 0.4350, 0.1369
CMYK	0.62, 0.35, 0.00, 0.14
HSL	214°, 66%, 60%
HSV	214°, 62%, 86%
XYZ	26.5761, 27.0277, 71.5798
YIQ	134.7240, -60.1560, 10.9160

Conversions

Conversions Part 2

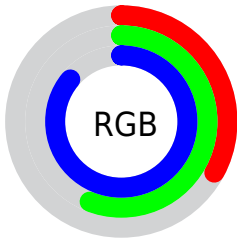
Format	Color
RYB	84, 126, 220
Decimal	5542108
CIELab	59.00, 3.68, -44.59
CIElCh	59, 44.744, 274.716
Yxy	27.0277, 0.2123, 0.2159
Android (android.graphics.Color)	4283732188 (0xFF5490DC)
YUV	134.7240, 42.0411, -44.4849
Hunter-Lab	51.9882, 0.2687, -45.2414

Details

The CIELCh color **59, 44.744, 274.716** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **70, 49.764, 73.163**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 34.006, 265.757**, and **39, 44.377, 275.412** is the 20% darker color. If you saturate the color by 10%, you get **55, 52.009, 278.267**, and if you desaturate by 10%, it is **63, 37.531, 271.614**.

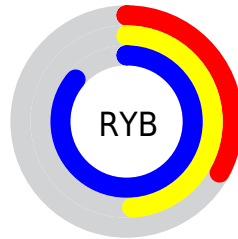
Distribution



Red (33%)

Green (56%)

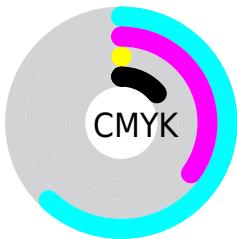
Blue (86%)



Red (33%)

Yellow (49%)

Blue (86%)

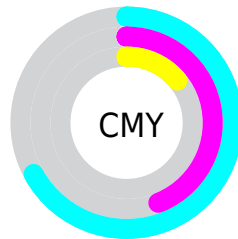


Cyan (62%)

Magenta (35%)

Yellow (0%)

Black (14%)



Cyan (67%)

Magenta (44%)

Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 44.744, 274.716 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, 44.744, 274.716 by changing the saturation by 10% instead.

 59, 44.744,
274.716

 59, 44.744,
274.716

 100, 44.744,
274.716

 49, 44.744,
274.716


 79, 44.744,
274.716

 39, 44.744,
274.716

 89, 44.744,
274.716

 29, 44.744,
274.716

 99, 44.744,
274.716

 19, 44.744,
274.716

 9, 44.744, 274.716

 0, 44.744, 274.716

■ 59, 44.744,
274.716

■ 59, 44.744,
274.716

■ 55, 52.009,
278.267

■ 63, 37.531,
271.614

■ 51, 59.401,
282.212

■ 68, 30.323,
268.950

■ 47, 66.983,
286.417

■ 73, 23.095,
266.688

■ 44, 73.375,
289.836

■ 77, 15.843,
264.776

■ 82, 8.575, 263.167

■ 87, 1.308, 262.007

■ 92, 5.943, 80.500

■ 96, 12.317, 87.284

■ 99, 17.551,

Harmonies

Complementary

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



59, 44.744, 274.716



70, 49.764, 73.163

Rectangle

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



59, 44.744, 274.716



59, 44.744, 324.716



59, 44.744, 94.716



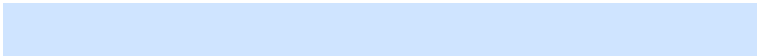
59, 44.744, 144.716

Sweetspot

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



59, 44.743, 274.717



90, 15.570, 264.325



79, 54.556, 159.242



46, 10.714, 264.820



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, 44.743, 274.717



62, 60.442, 279.345



44, 80.329, 301.001



44, 4.118, 262.831



35, 60.385, 289.118



6, 19.782, 278.952

Inverse Universe

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



56, 58.788, 355.066



59, 75.389, 358.302



85, 66.764, 106.944



43, 5.425, 347.736



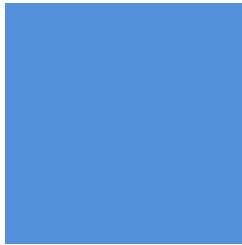
37, 63.232, 7.427



6, 24.559, 358.561

Previews

White Background



This preview shows how the CIELCh color 59, 44.744, 274.716 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, 44.744, 274.716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

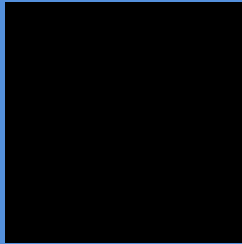
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

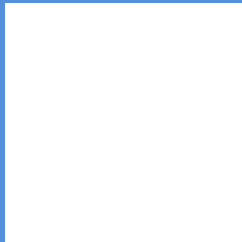
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 44.744, 274.716

Background



This preview shows how black text looks on a background with the CIELCh color 59, 44.744, 274.716.

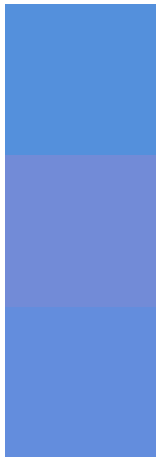


This preview shows how white text looks on a background with the CIELCh color 59, 44.744, 274.716.

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, 44.744, 274.716

Protanopia

59, 43.306, 285.340

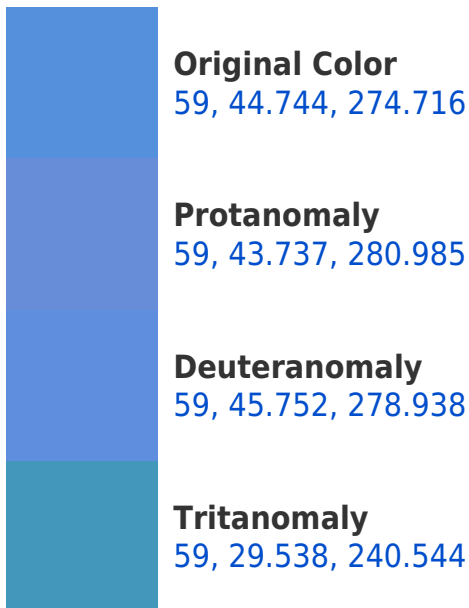
Deuteranopia

59, 46.049, 280.927



Tritanopia
59, 28.207, 211.209

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 44.744, 274.716 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(84, 144, 220)` looks like.

```
.text, #text, p{  
    color:rgb(84, 144, 220)  
}
```

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(84, 144, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 144, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 44.744, 274.716 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(84, 144, 220) }
```

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

```
.border{ border-color:rgb(84, 144, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 144, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 144, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 144, 220);  
box-shadow:4px 4px 4px 4px rgb(84, 144,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 44.744, 274.716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 144, 220) }
```

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

```
.background{ background-color: rgb(84, 144,  
220) }
```

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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