

Converting Colors

CIELCh(59, 50.059, 269.365)

Have a look what the booklet for
CIELCh(59, 50.059, 269.365)
contains.

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Color

CIELCh(59, 50.197, 269.515)

Conversions

Conversions Part 1

Format	Color
Hex	2893E6
RGB	40, 147, 230
RGB Percent	16%, 58%, 90%
CMY	0.8431, 0.4236, 0.0981
CMYK	0.83, 0.36, 0.00, 0.10
HSL	206°, 79%, 53%
HSV	206°, 83%, 90%
XYZ	25.5879, 27.0277, 78.7234
YIQ	124.4690, -90.4150, 3.1290

Conversions

Conversions Part 2

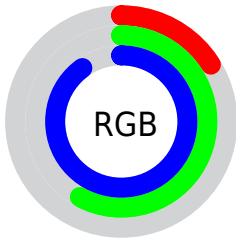
Format	Color
R _Y B	40, 108, 230
Decimal	2659302
CIE Lab	59.00, -0.42, -50.20
CIE LCh	59, 50.197, 269.515
Yxy	27.0277, 0.1948, 0.2058
Android (android.graphics.Color)	4280849382 (0xFF2893E6)
YUV	124.4690, 52.0268, -74.0793
Hunter-Lab	51.9882, -3.1241, -53.3884

Details

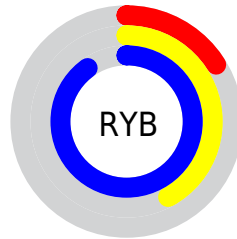
The CIELCh color **59, 50.197, 269.515** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle washed azure. A complement of this color would be **63, 69.897, 58.913**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 35.934, 252.638**, and **41, 48.056, 277.592** is the 20% darker color. If you saturate the color by 10%, you get **56, 55.476, 274.283**, and if you desaturate by 10%, it is **62, 44.911, 265.186**.

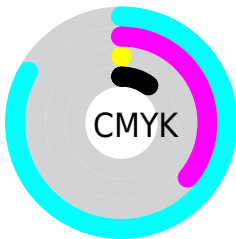
Distribution



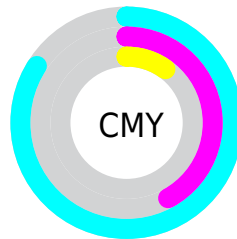
- Red (16%)
- Green (58%)
- Blue (90%)



- Red (16%)
- Yellow (42%)
- Blue (90%)



- Cyan (83%)
- Magenta (36%)
- Yellow (0%)
- Black (10%)





- Cyan (84%)
- Magenta (42%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 50.197, 269.515 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, 50.197, 269.515 by changing the saturation by 10% instead.


 59, 50.197,
269.515

 59, 50.197,
269.515


 100, 50.197,
269.515

 49, 50.197,
269.515


 79, 50.197,
269.515

 39, 50.197,
269.515

 89, 50.197,
269.515

 29, 50.197,
269.515

 99, 50.197,
269.515

 19, 50.197,
269.515

 9, 50.197, 269.515

 0, 50.197, 269.515

■ 59, 50.197,
269.515

■ 59, 50.197,
269.515

■ 56, 55.476,
274.283

■ 62, 44.911,
265.186

■ 54, 59.489,
277.879

■ 66, 39.484,
261.403

■ 70, 33.825,
258.185

■ 74, 27.895,
255.492

■ 78, 21.695,
253.260

■ 82, 15.252,
251.418

■ 86, 8.607, 249.908

■ 90, 1.803, 248.836

Harmonies

Complementary

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



59, 50.197, 269.515



63, 69.897, 58.913

Rectangle

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



59, 50.197, 269.515



59, 50.197, 319.515



59, 50.197, 89.515



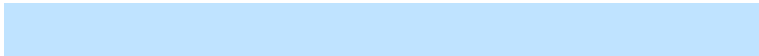
59, 50.197, 139.515

Sweetspot

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



59, 50.196, 269.516



89, 18.277, 251.851



81, 78.593, 149.471



46, 12.409, 252.492



0, 0.000, 0.000



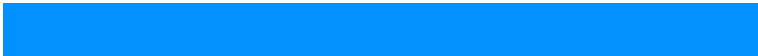
53, 0.007, 296.813

Same Dimension

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



59, 50.196, 269.516



59, 64.047, 277.703



35, 105.386, 302.784



46, 3.884, 249.498



42, 48.492, 277.005



10, 17.777, 267.781

Inverse Universe

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



52, 76.773, 351.305



55, 85.832, 356.572



85, 80.416, 99.399



45, 6.111, 341.103



39, 65.925, 356.047



7, 28.339, 350.314

Previews

White Background



This preview shows how the CIE LCh color 59, 50.197, 269.515 looks on a white background.

Color Contrast Check

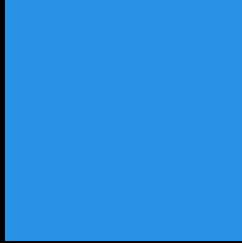
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.197, 269.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

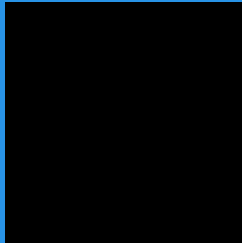
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

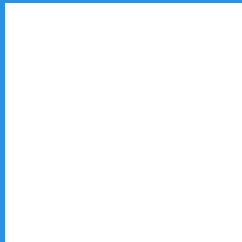
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 50.197, 269.515

Background



This preview shows how black text looks on a background with the CIELCh color 59, 50.197, 269.515.

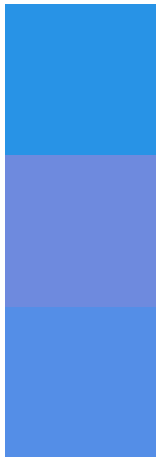


This preview shows how white text looks on a background with the CIELCh color 59, 50.197, 269.515.

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

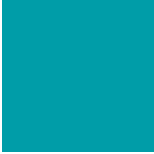
59, 50.197, 269.515

Protanopia

59, 47.828, 286.056

Deuteranopia

59, 51.429, 279.564



Tritanopia
59, 33.726, 207.418

Trichromacy



Original Color
59, 50.197, 269.515

Protanomaly
58, 48.785, 278.604

Deuteranomaly
59, 51.064, 275.447

Tritanomaly
59, 34.912, 236.023

Monochromacy



Original Color
59, 50.197, 269.515

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 21.393, 256.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 50.197, 269.515 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(40, 147, 230)` looks like.

```
.text, #text, p{  
    color:rgb(40, 147, 230)  
}
```

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(40, 147, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 147, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 50.197, 269.515 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(40, 147, 230) }
```

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

```
.border{ border-color:rgb(40, 147, 230) }
```

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

Here you see how a box with a 4 pixel rgb(40, 147, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 147, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 147, 230);  
box-shadow:4px 4px 4px 4px rgb(40, 147,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 50.197, 269.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 147, 230) }
```

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

```
.background{ background-color: rgb(40, 147,  
230) }
```

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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