

Converting Colors

CIELCh(48, 104.267, 227.825)

Have a look what the booklet for
CIELCh(48, 104.267, 227.825)
contains.

CIELCh(59, 58.961, 274.207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 58.961, 274.207)

Conversions

Conversions Part 1

Format	Color
Hex	0092F6
RGB	0, 146, 246
RGB Percent	0%, 57%, 96%
CMY	1.0000, 0.4292, 0.0372
CMYK	1.00, 0.41, 0.00, 0.04
HSL	204°, 100%, 48%
HSV	204°, 100%, 96%
XYZ	26.7341, 27.0277, 90.5989
YIQ	113.7460, -119.1160, 0.1480

Conversions

Conversions Part 2

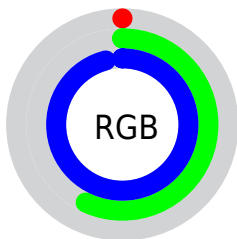
Format	Color
R _{YB}	0, 92, 246
Decimal	37622
CIE Lab	59.00, 4.33, -58.80
CIE LCh	59, 58.961, 274.207
Yxy	27.0277, 0.1852, 0.1872
Android (android.graphics.Color)	4278227702 (0xFF0092F6)
YUV	113.7460, 65.2012, -99.7552
Hunter-Lab	51.9882, 0.8112, -66.9318

Details

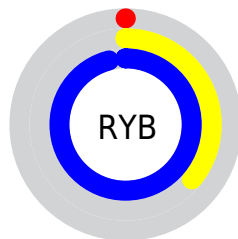
The CIELCh color **59, 58.961, 274.207** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **60, 87.128, 52.911**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 37.282, 252.754**, and **41, 56.837, 283.357** is the 20% darker color. If you saturate the color by 10%, you get **59, 58.938, 274.280**, and if you desaturate by 10%, it is **62, 53.943, 269.251**.

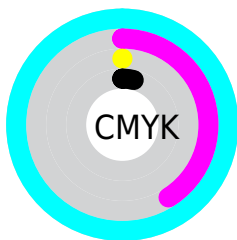
Distribution



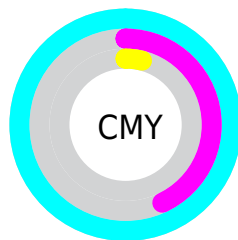
- Red (0%)
- Green (57%)
- Blue (96%)



- Red (0%)
- Yellow (36%)
- Blue (96%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (43%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 58.961, 274.207 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, 58.961, 274.207 by changing the saturation by 10% instead.

 59, 58.961,
274.207

 59, 58.961,
274.207

 100, 58.961,
274.207

 49, 58.961,
274.207

 79, 58.961,
274.207

 39, 58.961,
274.207

 89, 58.961,
274.207

 29, 58.961,
274.207

 99, 58.961,
274.207

 19, 58.961,
274.207

 9, 58.961, 274.207

 0, 58.961, 274.207

■ 59, 58.961,
274.207

■ 59, 58.961,
274.207

■ 59, 58.938,
274.280

■ 62, 53.943,
269.251

■ 65, 49.029,
264.490

■ 69, 43.990,
260.260

■ 72, 38.684,
256.631

■ 76, 33.035,
253.589

■ 80, 27.022,
251.074

■ 84, 20.666,
249.012

■ 88, 14.010,

247.327

■ 92, 7.105, 245.969

Harmonies

Complementary

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



59, 58.961, 274.207



60, 87.128, 52.911

Rectangle

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



59, 58.961, 274.207



59, 58.961, 324.207



59, 58.961, 94.207



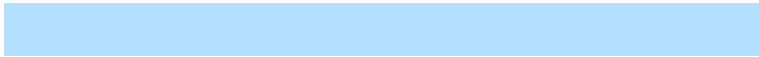
59, 58.961, 144.207

Sweetspot

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



59, 58.938, 274.280



87, 21.309, 249.023



85, 96.089, 144.235



45, 14.424, 249.845



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, 58.938, 274.280



61, 60.760, 274.389



32, 125.136, 305.225



49, 4.031, 245.909



45, 47.204, 273.344



13, 18.874, 265.404

Inverse Universe

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



54, 84.400, 354.142



56, 86.832, 354.215



88, 87.662, 95.861



48, 6.579, 339.654



41, 68.768, 353.529



9, 31.387, 349.014

Previews

White Background



This preview shows how the CIE LCh color 59, 58.961, 274.207 looks on a white background.

Color Contrast Check

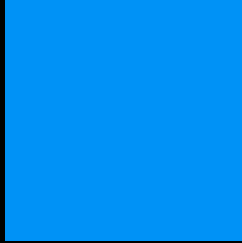
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.961, 274.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

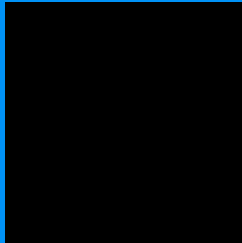
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

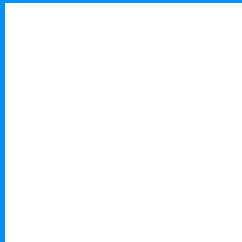
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 58.961, 274.207

Background



This preview shows how black text looks on a background with the CIELCh color 59, 58.961, 274.207.




This preview shows how white text looks on a background with the CIELCh color 59, 58.961, 274.207.

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, 33.726, 207.418

Trichromacy



Original Color
59, 58.961, 274.207

Protanomaly
58, 57.896, 279.466

Deuteranomaly
59, 59.560, 276.657

Tritanomaly
59, 36.501, 239.962

Monochromacy



Original Color
59, 58.961, 274.207

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 25.616, 254.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 58.961, 274.207 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(0, 146, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 246)  
}
```

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(0, 146, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 58.961, 274.207 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(0, 146, 246) }
```

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

```
.border{ border-color:rgb(0, 146, 246) }
```

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

Here you see how a box with a 4 pixel rgb(0, 146, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 58.961, 274.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 246) }
```

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

```
.background{ background-color: rgb(0, 146,  
246) }
```

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