

Converting Colors

CIELCh(59, 64.713, 281.155)

Have a look what the booklet for
CIELCh(59, 64.713, 281.155)
contains.

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Color

CIELCh(59, 64.411, 280.885)

Conversions

Conversions Part 1

Format	Color
Hex	308EFE
RGB	48, 142, 254
RGB Percent	19%, 56%, 100%
CMY	0.8102, 0.4443, 0.0053
CMYK	0.81, 0.44, 0.00, 0.01
HSL	213°, 99%, 59%
HSV	213°, 81%, 99%
XYZ	28.6992, 27.0277, 97.1818
YIQ	126.6620, -91.9760, 14.9040

Conversions

Conversions Part 2

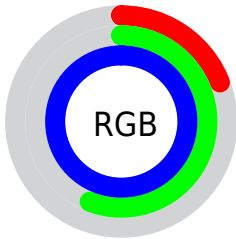
Format	Color
R _Y B	48, 113, 254
Decimal	3182334
CIE Lab	59.00, 12.16, -63.25
CIE LCh	59, 64.411, 280.885
Yxy	27.0277, 0.1877, 0.1768
Android (android.graphics.Color)	4281372414 (0xFF308EFE)
YUV	126.6620, 62.7776, -68.9866
Hunter-Lab	51.9882, 7.5584, -74.4393

Details

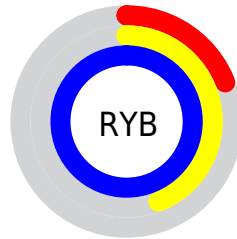
The CIELCh color **59, 64.411, 280.885** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **74, 72.927, 68.618**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.636, 261.188**, and **41, 63.139, 286.898** is the 20% darker color. If you saturate the color by 10%, you get **55, 72.608, 285.187**, and if you desaturate by 10%, it is **64, 56.412, 276.872**.

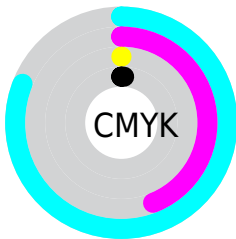
Distribution



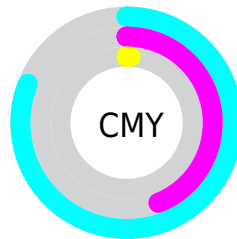
- Red (19%)
- Green (56%)
- Blue (100%)



- Red (19%)
- Yellow (44%)
- Blue (100%)



- Cyan (81%)
- Magenta (44%)
- Yellow (0%)
- Black (1%)




- Cyan (81%)
- Magenta (44%)
- Yellow (1%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 64.411, 280.885 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, 64.411, 280.885 by changing the saturation by 10% instead.

 59, 64.411,
280.885

 59, 64.411,
280.885

 100, 64.411,
280.885


 49, 64.411,
280.885

 79, 64.411,
280.885

 39, 64.411,
280.885

 89, 64.411,
280.885

 29, 64.411,
280.885

 99, 64.411,
280.885

 19, 64.411,
280.885

 9, 64.411, 280.885

 0, 64.411, 280.885

■ 59, 64.411,
280.885

■ 59, 64.411,
280.885

■ 55, 72.608,
285.187

■ 64, 56.412,
276.872

■ 51, 80.267,
289.095

■ 68, 48.523,
273.276

■ 73, 40.662,
270.147

■ 78, 32.771,
267.473

■ 83, 24.828,
265.210

■ 89, 16.834,
263.303

■ 94, 8.801, 261.706

■ 99, 0.752, 260.815

100, 0.670,
110.012

Harmonies

Complementary

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



59, 64.411, 280.885



74, 72.927, 68.618

Rectangle

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



59, 64.411, 280.885



59, 64.411, 330.885



59, 64.411, 100.885



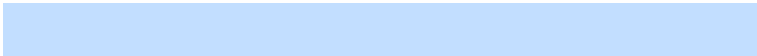
59, 64.411, 150.885

Sweetspot

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



59, 64.411, 280.886



87, 19.382, 263.856



89, 76.059, 154.669



45, 13.305, 264.533



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, 64.411, 280.886



53, 78.043, 287.855



38, 118.327, 304.483



50, 4.602, 261.504



39, 63.762, 288.323



11, 25.756, 282.140

Inverse Universe

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



57, 79.110, 359.412



55, 83.958, 5.997



96, 90.207, 105.123



50, 6.195, 346.962



41, 67.998, 6.493



10, 31.515, 0.206

Previews

White Background



This preview shows how the CIE LCh color 59, 64.411, 280.885 looks on a white background.

Color Contrast Check

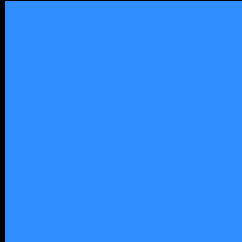
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.411, 280.885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

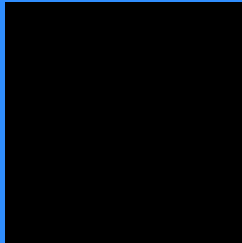
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

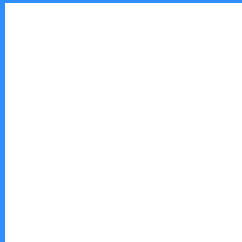
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 64.411, 280.885

Background



This preview shows how black text looks on a background with the CIELCh color 59, 64.411, 280.885.

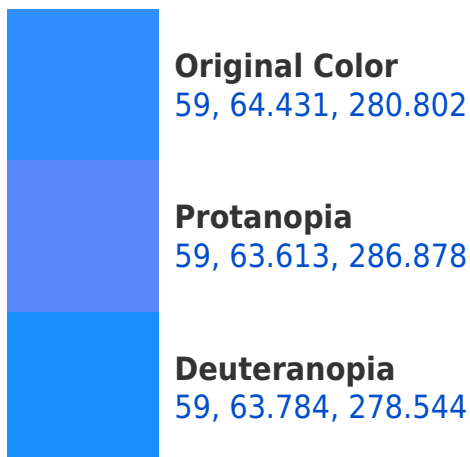


This preview shows how white text looks on a background with the CIELCh color 59, 64.411, 280.885.

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



Trichromacy



Original Color
59, 64.431, 280.802

Protanomaly
59, 63.920, 284.221

Deuteranomaly
59, 63.665, 278.979

Monochromacy



Original Color
59, 64.431, 280.802

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 25.467, 267.946

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 64.411, 280.885 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(48, 142, 254)` looks like.

```
.text, #text, p{  
    color:rgb(48, 142, 254)  
}
```

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(48, 142, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 142, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 64.411, 280.885 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(48, 142, 254) }
```

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

```
.border{ border-color:rgb(48, 142, 254) }
```

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

Here you see how a box with a 4 pixel rgb(48, 142, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 142, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 142, 254);  
box-shadow:4px 4px 4px 4px rgb(48, 142,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 64.411, 280.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 142, 254) }
```

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

```
.background{ background-color: rgb(48, 142,  
254) }
```

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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