

Converting Colors

CIELCh(63, 50.041, 275.116)

Have a look what the booklet for
CIELCh(63, 50.041, 275.116)
contains.

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Color

CIELCh(63, 49.919, 274.905)

Conversions

Conversions Part 1

Format	Color
Hex	549BF1
RGB	84, 155, 241
RGB Percent	33%, 61%, 95%
CMY	0.6716, 0.3929, 0.0558
CMYK	0.65, 0.36, 0.00, 0.06
HSL	213°, 85%, 64%
HSV	213°, 65%, 94%
XYZ	31.1656, 31.5869, 87.5004
YIQ	143.5750, -69.9220, 11.6940

Conversions

Conversions Part 2

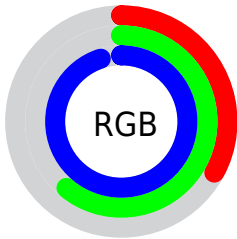
Format	Color
RYB	84, 133, 241
Decimal	5544945
CIELab	63.00, 4.27, -49.74
CIELCh	63, 49.919, 274.905
Yxy	31.5869, 0.2074, 0.2102
Android (android.graphics.Color)	4283735025 (0xFF549BF1)
YUV	143.5750, 48.0305, -52.2473
Hunter-Lab	56.2022, 0.6289, -52.9661

Details

The CIELCh color **63, 49.919, 274.905** 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 **75, 56.510, 71.535**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.842, 254.098**, and **43, 49.484, 276.868** is the 20% darker color. If you saturate the color by 10%, you get **59, 57.554, 278.667**, and if you desaturate by 10%, it is **68, 42.343, 271.596**.

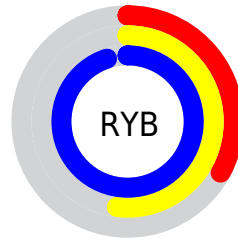
Distribution



Red (33%)

Green (61%)

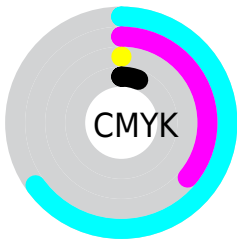
Blue (95%)



Red (33%)

Yellow (52%)

Blue (95%)

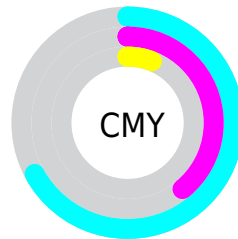


Cyan (65%)

Magenta (36%)

Yellow (0%)

Black (6%)



Cyan (67%)

Magenta (39%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 49.919, 274.905 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 63, 49.919, 274.905 by changing the saturation by 10% instead.


 63, 49.919,
274.905


 63, 49.919,
274.905


 100, 49.919,
274.905


 53, 49.919,
274.905


 83, 49.919,
274.905

 43, 49.919,
274.905

 93, 49.919,
274.905

 33, 49.919,
274.905

 23, 49.919,
274.905

 13, 49.919,
274.905

 3, 49.919, 274.905

 0, 49.919, 274.905

63, 49.919,
274.905

63, 49.919,
274.905

59, 57.554,
278.667

68, 42.343,
271.596

54, 65.335,
282.799

72, 34.763,
268.747

50, 73.332,
287.132

77, 27.144,
266.326

49, 77.250,
289.144

82, 19.477,
264.282

87, 11.771,
262.562

92, 4.042, 261.155

97, 3.688, 79.706

100, 7.198,
109.629

Harmonies

Complementary

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



63, 49.919, 274.905



75, 56.510, 71.535

Rectangle

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



63, 49.919, 274.905



63, 49.919, 324.905



63, 49.919, 94.905



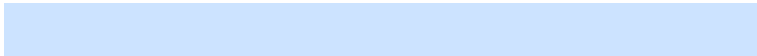
63, 49.919, 144.905

Sweetspot

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



63, 49.918, 274.906



89, 16.198, 263.357



86, 62.200, 157.693



46, 11.046, 263.853



0, 0.000, 0.000



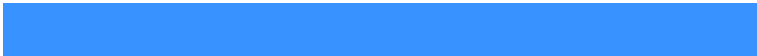
53, 0.007, 296.813

Same Dimension

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



63, 49.918, 274.906



60, 62.547, 279.883



45, 91.684, 301.447



48, 4.383, 261.709



37, 61.920, 288.369



9, 23.244, 281.102

Inverse Universe

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



59, 66.210, 355.101



58, 77.947, 358.632



92, 74.886, 105.882



47, 5.880, 347.078



39, 65.963, 6.547



8, 29.076, 359.298

Previews

White Background



This preview shows how the CIELCh color 63, 49.919, 274.905 looks on a white background.

Color Contrast Check

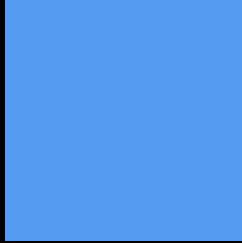
Large Text (above 18pt) WCAG AA × Fail

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 63, 49.919, 274.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

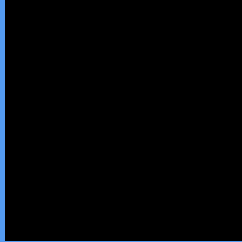
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

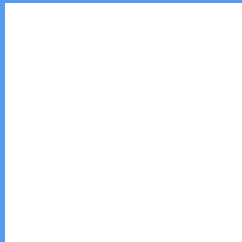
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 49.919, 274.905

Background



This preview shows how black text looks on a background with the CIELCh color 63, 49.919, 274.905.



This preview shows how white text looks on a background with the CIELCh color 63, 49.919, 274.905.

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](#).

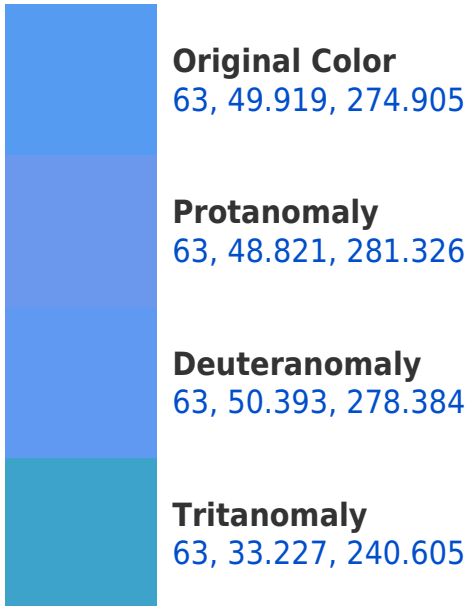
Dichromacy



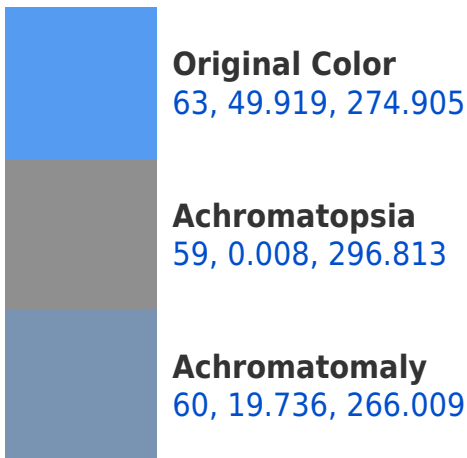


Tritanopia
63, 31.824, 211.373

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 49.919, 274.905 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, 155, 241)` looks like.

```
.text, #text, p{  
    color:rgb(84, 155, 241)  
}
```

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, 155, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 155, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 49.919, 274.905 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, 155, 241) }
```

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

```
.border{ border-color:rgb(84, 155, 241) }
```

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

Here you see how a box with a 4 pixel rgb(84, 155, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 155, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 155, 241);  
box-shadow:4px 4px 4px 4px rgb(84, 155,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 49.919, 274.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 155, 241) }
```

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

```
.background{ background-color: rgb(84, 155,  
241) }
```

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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