

Converting Colors

CIELCh(63, 50.500, 276.364)

Have a look what the booklet for
CIELCh(63, 50.500, 276.364)
contains.

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Color

CIELCh(63, 50.722, 276.627)

Conversions

Conversions Part 1

Format	Color
Hex	589AF2
RGB	88, 154, 242
RGB Percent	35%, 60%, 95%
CMY	0.6550, 0.3962, 0.0511
CMYK	0.64, 0.36, 0.00, 0.05
HSL	214°, 86%, 65%
HSV	214°, 64%, 95%
XYZ	31.5975, 31.5869, 88.4169
YIQ	144.2980, -67.5840, 13.3760

Conversions

Conversions Part 2

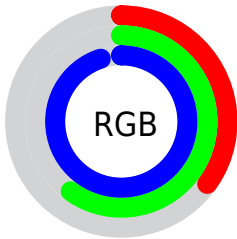
Format	Color
R _Y B	88, 134, 242
Decimal	5806834
CIE Lab	63.00, 5.85, -50.38
CIE LCh	63, 50.722, 276.627
Yxy	31.5869, 0.2084, 0.2084
Android (android.graphics.Color)	4283996914 (0xFF589AF2)
YUV	144.2980, 48.1671, -49.3733
Hunter-Lab	56.2022, 2.0006, -53.9329

Details

The CIELCh color **63, 50.722, 276.627** 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 **76, 55.665, 73.987**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.676, 256.545**, and **43, 50.569, 277.913** is the 20% darker color. If you saturate the color by 10%, you get **58, 58.833, 280.259**, and if you desaturate by 10%, it is **68, 42.711, 273.432**.

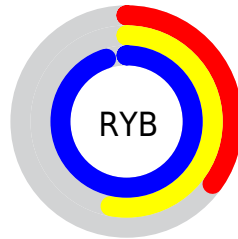
Distribution



Red (35%)

Green (60%)

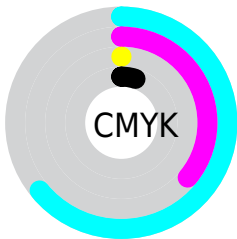
Blue (95%)



Red (35%)

Yellow (53%)

Blue (95%)

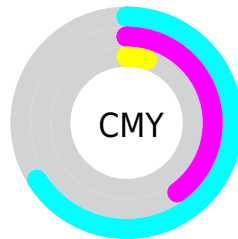


Cyan (64%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (66%)


Magenta (40%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 50.722, 276.627 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, 50.722, 276.627 by changing the saturation by 10% instead.

 63, 50.722,
276.627

 63, 50.722,
276.627


 100, 50.722,
276.627


 53, 50.722,
276.627


 83, 50.722,
276.627

 43, 50.722,
276.627

 93, 50.722,
276.627

 33, 50.722,
276.627

 23, 50.722,
276.627

 13, 50.722,
276.627

 3, 50.722, 276.627

 0, 50.722, 276.627

63, 50.722,
276.627

63, 50.722,
276.627

58, 58.833,
280.259

68, 42.711,
273.432

54, 67.122,
284.252

73, 34.741,
270.678

50, 75.633,
288.445

78, 26.779,
268.332

47, 81.162,
291.049

83, 18.813,
266.347

88, 10.848,
264.673

94, 2.897, 263.328

99, 4.695, 91.113

100, 6.591,
109.673

Harmonies

Complementary

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



63, 50.722, 276.627



76, 55.665, 73.987

Rectangle

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



63, 50.722, 276.627



63, 50.722, 326.627



63, 50.722, 96.627



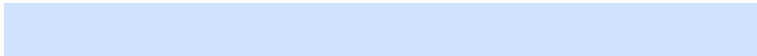
63, 50.722, 146.627

Sweetspot

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



63, 50.721, 276.628



90, 15.773, 265.543



86, 59.356, 159.821



46, 10.857, 266.038



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, 50.721, 276.628



60, 63.414, 281.256



47, 89.544, 301.747



47, 4.484, 264.061



36, 64.780, 290.292



8, 24.233, 283.256

Inverse Universe

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



60, 64.672, 356.452



59, 76.374, 359.894



92, 73.838, 107.628



47, 5.792, 348.487



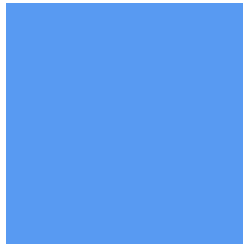
39, 66.022, 8.867



8, 28.947, 1.223

Previews

White Background



This preview shows how the CIE LCh color 63, 50.722, 276.627 looks on a white background.

Color Contrast Check

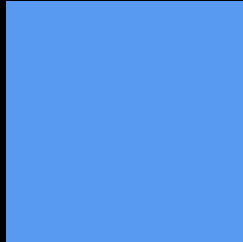
Large Text (above 18pt) WCAG AA × Fail

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, 50.722, 276.627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

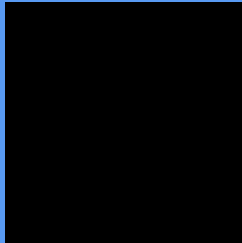
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

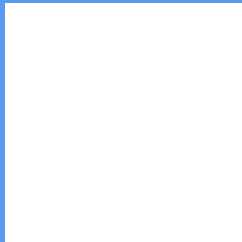
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 50.722, 276.627

Background



This preview shows how black text looks on a background with the CIELCh color 63, 50.722, 276.627.

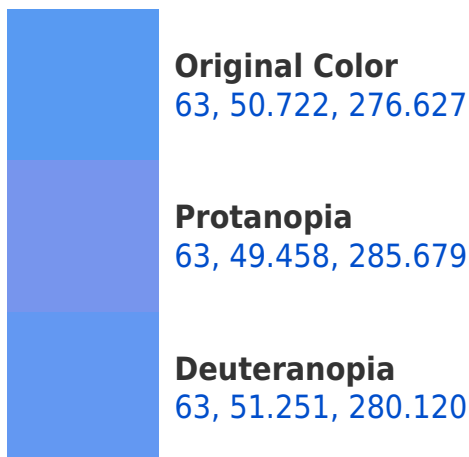


This preview shows how white text looks on a background with the CIELCh color 63, 50.722, 276.627.

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](#).

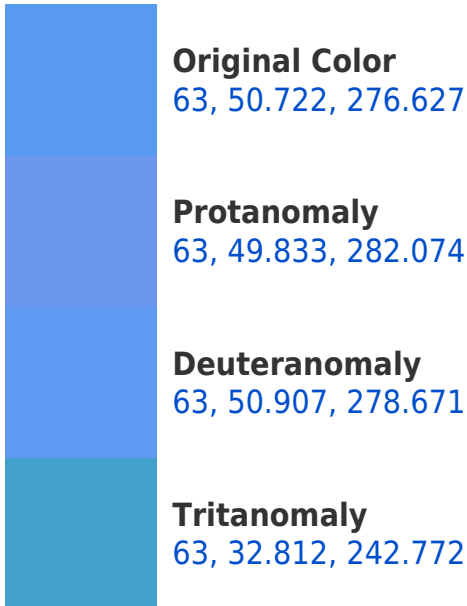
Dichromacy



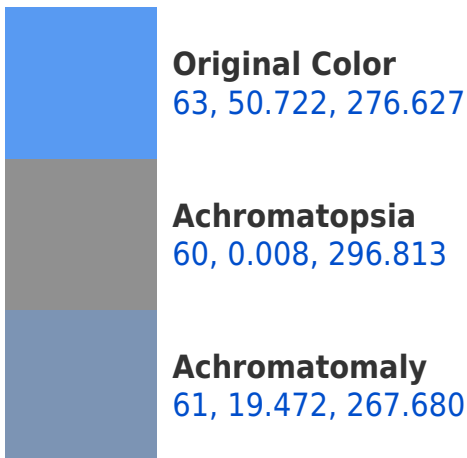


Tritanopia
63, 31.028, 210.712

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 50.722, 276.627 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(88, 154, 242)` looks like.

```
.text, #text, p{  
    color:rgb(88, 154, 242)  
}
```

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(88, 154, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 154, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 50.722, 276.627 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(88, 154, 242) }
```

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

```
.border{ border-color:rgb(88, 154, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 154, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 154, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 154, 242);  
box-shadow:4px 4px 4px 4px rgb(88, 154,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 50.722, 276.627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 154, 242) }
```

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

```
.background{ background-color: rgb(88, 154,  
242) }
```

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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