

Converting Colors

CIELCh(57, 49.749, 281.398)

Have a look what the booklet for
CIELCh(57, 49.749, 281.398)
contains.

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Color

CIELCh(57, 49.749, 281.398)

Conversions

Conversions Part 1

Format	Color
Hex	5888DE
RGB	88, 136, 222
RGB Percent	35%, 53%, 87%
CMY	0.6553, 0.4670, 0.1298
CMYK	0.60, 0.39, 0.00, 0.13
HSL	219°, 67%, 61%
HSV	219°, 60%, 87%
XYZ	25.9788, 24.9227, 72.4813
YIQ	131.4520, -56.2140, 16.5700

Conversions

Conversions Part 2

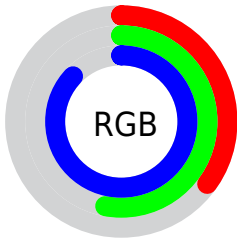
Format	Color
R_{YB}	88, 123, 222
Decimal	5802206
CIE Lab	57.00, 9.83, -48.77
CIE LCh	57, 49.749, 281.398
Yxy	24.9227, 0.2106, 0.2020
Android (android.graphics.Color)	4283992286 (0xFF5888DE)
YUV	131.4520, 44.6402, -38.1074
Hunter-Lab	49.9226, 5.5235, -51.1357

Details

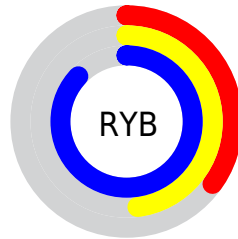
The CIELCh color **57, 49.749, 281.398** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **74, 50.657, 80.827**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 36.956, 274.386**, and **37, 49.504, 281.195** is the 20% darker color. If you saturate the color by 10%, you get **52, 58.510, 284.678**, and if you desaturate by 10%, it is **62, 41.189, 278.507**.

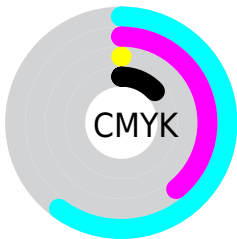
Distribution



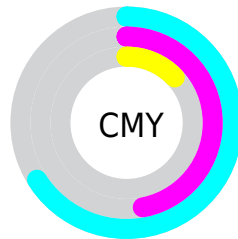
- Red (35%)
- Green (53%)
- Blue (87%)



- Red (35%)
- Yellow (48%)
- Blue (87%)



- Cyan (60%)
- Magenta (39%)
- Yellow (0%)
- Black (13%)



- Cyan (66%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 49.749, 281.398 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 57, 49.749, 281.398 by changing the saturation by 10% instead.

■ 57, 49.749,
281.398

■ 57, 49.749,
281.398

■ 100, 49.749,
281.398

■ 47, 49.749,
281.398

■ 77, 49.749,
281.398

■ 37, 49.749,
281.398

■ 87, 49.749,
281.398

■ 27, 49.749,
281.398

■ 97, 49.749,
281.398

■ 17, 49.749,
281.398

■ 7, 49.749, 281.398

■ 0, 49.749, 281.398

■ 57, 49.749,
281.398

■ 57, 49.749,
281.398

■ 52, 58.510,
284.678

■ 62, 41.189,
278.507

■ 47, 67.510,
288.281

■ 67, 32.788,
276.005

■ 43, 76.721,
292.066

■ 72, 24.512,
273.864

■ 39, 85.640,
295.606


■ 78, 16.345,
272.041

■ 83, 8.279, 270.495

■ 88, 0.315, 270.011

■ 94, 7.543, 87.933

■ 98, 14.297,
101.468

 99, 16.739,
108.912

Harmonies

Complementary

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



57, 49.749, 281.398



74, 50.657, 80.827

Rectangle

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



57, 49.749, 281.398



57, 49.749, 331.398



57, 49.749, 101.398



57, 49.749, 151.398

Sweetspot

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



57, 49.748, 281.399



89, 16.132, 271.670



80, 49.893, 164.471



46, 11.230, 272.156



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 49.748, 281.399



59, 67.138, 285.437



46, 78.681, 302.525



44, 4.565, 270.365



31, 70.836, 295.007



6, 23.359, 285.334

Inverse Universe

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



56, 56.582, 0.752



60, 72.843, 4.200



85, 66.329, 111.042



44, 5.261, 352.875



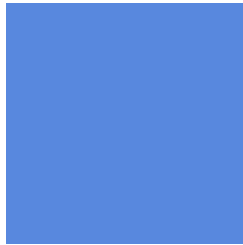
37, 64.816, 15.470



6, 25.511, 4.363

Previews

White Background



This preview shows how the CIELCh color 57, 49.749, 281.398 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 57, 49.749, 281.398 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

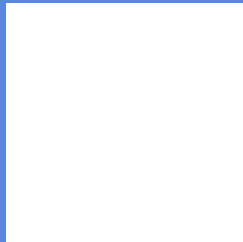
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 49.749, 281.398

Background



This preview shows how black text looks on a background with the CIELCh color 57, 49.749, 281.398.



This preview shows how white text looks on a background with the CIELCh color 57, 49.749, 281.398.

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


57, 49.749, 281.398

Protanopia

57, 49.817, 286.354

Deuteranopia

57, 49.372, 279.907



Tritanopia
57, 26.629, 212.244

Trichromacy



Original Color
57, 49.749, 281.398

Protanomaly
57, 49.953, 284.711

Deuteranomaly
57, 49.330, 280.130

Tritanomaly
57, 29.427, 247.872

Monochromacy



Original Color
57, 49.749, 281.398

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 18.627, 272.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 49.749, 281.398 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, 136, 222)` looks like.

```
.text, #text, p{  
    color:rgb(88, 136, 222)  
}
```

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, 136, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 136, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 49.749, 281.398 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, 136, 222) }
```

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

```
.border{ border-color:rgb(88, 136, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 136, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 136, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 136, 222);  
box-shadow:4px 4px 4px 4px rgb(88, 136,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 49.749, 281.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 136, 222) }
```

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

```
.background{ background-color: rgb(88, 136,  
222) }
```

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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