

Converting Colors

CIELCh(50, 58.491, 292.119)

Have a look what the booklet for
CIELCh(50, 58.491, 292.119)
contains.

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Color

CIELCh(50, 58.878, 292.295)

Conversions

Conversions Part 1

Format	Color
Hex	5B6FD4
RGB	91, 111, 212
RGB Percent	36%, 44%, 83%
CMY	0.6421, 0.5639, 0.1677
CMYK	0.57, 0.48, 0.00, 0.17
HSL	230°, 59%, 60%
HSV	230°, 57%, 83%
XYZ	21.9623, 18.4187, 64.8465
YIQ	116.5340, -44.3410, 27.1710

Conversions

Conversions Part 2

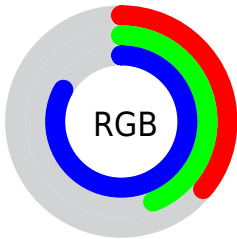
Format	Color
R _Y B	91, 108, 212
Decimal	5992404
CIE Lab	50.00, 22.34, -54.48
CIE LCh	50, 58.878, 292.295
Yxy	18.4187, 0.2087, 0.1750
Android (android.graphics.Color)	4284182484 (0xFF5B6FD4)
YUV	116.5340, 47.0647, -22.3933
Hunter-Lab	42.9170, 16.2408, -59.5439

Details

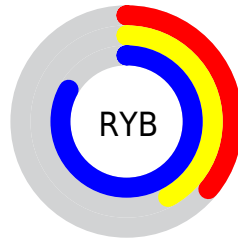
The CIELCh color **50, 58.878, 292.295** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted azure. A complement of this color would be **78, 52.833, 95.865**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.027, 291.210**, and **30, 59.041, 292.340** is the 20% darker color. If you saturate the color by 10%, you get **44, 70.454, 294.950**, and if you desaturate by 10%, it is **56, 47.667, 289.918**.

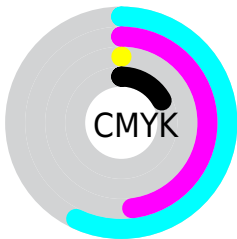
Distribution



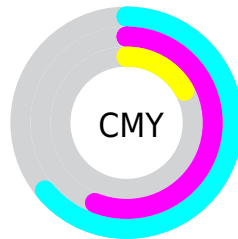
- Red (36%)
- Green (44%)
- Blue (83%)



- Red (36%)
- Yellow (42%)
- Blue (83%)



- Cyan (57%)
- Magenta (48%)
- Yellow (0%)
- Black (17%)





- Cyan (64%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 58.878, 292.295 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 50, 58.878, 292.295 by changing the saturation by 10% instead.


 50, 58.878,
292.295


 50, 58.878,
292.295


 100, 58.878,
292.295


 40, 58.878,
292.295


 70, 58.878,
292.295

 30, 58.878,
292.295


 80, 58.878,
292.295


 20, 58.878,
292.295

 90, 58.878,
292.295

 10, 58.878,
292.295

 0, 58.878, 292.295

 50, 58.878,
292.295

 50, 58.878,
292.295

44, 70.454,
294.950

56, 47.667,
289.918

39, 82.202,
297.780

62, 36.862,
287.845

34, 93.609,
300.589

68, 26.444,
286.063

30, 103.700,
303.087

75, 16.381,
284.542

29, 106.312,
303.698

81, 6.645, 283.253

87, 2.791, 102.064

93, 11.945,
101.143

99, 20.640,
106.555

99, 21.601,
108.541

Harmonies

Complementary

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



50, 58.878, 292.295



78, 52.833, 95.865

Rectangle

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



50, 58.878, 292.295



50, 58.878, 342.295



50, 58.878, 112.295



50, 58.878, 162.295

Sweetspot

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



50, 58.878, 292.296



88, 19.017, 284.567



78, 38.668, 180.323



45, 12.761, 284.857



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 58.878, 292.296



52, 83.226, 295.427



48, 71.230, 307.166



42, 5.446, 283.545



23, 89.410, 303.360



3, 24.450, 290.023

Inverse Universe

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



55, 51.053, 14.607



60, 70.548, 18.210



80, 62.947, 120.102



42, 4.650, 6.754



35, 70.235, 31.638



5, 22.011, 12.421

Previews

White Background



This preview shows how the CIE LCh color 50, 58.878, 292.295 looks on a white background.

Color Contrast Check

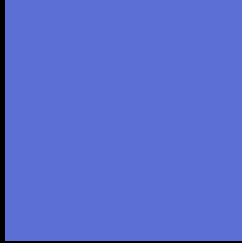
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 58.878, 292.295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

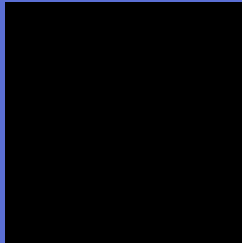
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 58.878, 292.295

Background



This preview shows how black text looks on a background with the CIELCh color 50, 58.878, 292.295.




This preview shows how white text looks on a background with the CIELCh color 50, 58.878, 292.295.

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
50, 21.566, 214.990

Trichromacy



Original Color
50, 58.878, 292.295

Protanomaly
50, 59.030, 288.516

Deuteranomaly
50, 55.594, 282.809

Tritanomaly
50, 28.748, 263.322

Monochromacy



Original Color
50, 58.878, 292.295

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 21.795, 286.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 58.878, 292.295 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(91, 111, 212)` looks like.

```
.text, #text, p{  
    color:rgb(91, 111, 212)  
}
```

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(91, 111, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 111, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 58.878, 292.295 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(91, 111, 212) }
```

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

```
.border{ border-color:rgb(91, 111, 212) }
```

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

Here you see how a box with a 4 pixel rgb(91, 111, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 111, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 111, 212);  
box-shadow:4px 4px 4px 4px rgb(91, 111,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 58.878, 292.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 111, 212) }
```

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

```
.background{ background-color: rgb(91, 111,  
212) }
```

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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