

Converting Colors

CIELCh(58, 64.973, 291.803)

Have a look what the booklet for
CIELCh(58, 64.973, 291.803)
contains.

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Color

CIELCh(58, 65.139, 291.913)

Conversions

Conversions Part 1

Format	Color
Hex	6B83F6
RGB	107, 131, 246
RGB Percent	42%, 51%, 96%
CMY	0.5809, 0.4868, 0.0359
CMYK	0.57, 0.47, 0.00, 0.04
HSL	230°, 88%, 69%
HSV	230°, 57%, 96%
XYZ	30.7579, 25.9610, 90.4639
YIQ	136.9340, -51.2190, 30.6770

Conversions

Conversions Part 2

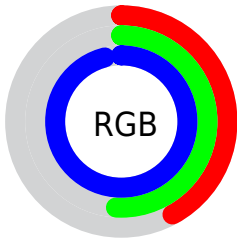
Format	Color
R _Y B	107, 127, 246
Decimal	7046134
CIE Lab	58.00, 24.31, -60.43
CIE LCh	58, 65.139, 291.913
Yxy	25.9610, 0.2090, 0.1764
Android (android.graphics.Color)	4285236214 (0xFF6B83F6)
YUV	136.9340, 53.7695, -26.2521
Hunter-Lab	50.9519, 18.5882, -69.6016

Details

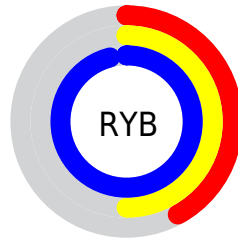
The CIELCh color **58, 65.139, 291.913** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **88, 58.671, 95.356**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 38.414, 285.922**, and **38, 65.322, 292.049** is the 20% darker color. If you saturate the color by 10%, you get **52, 78.044, 294.612**, and if you desaturate by 10%, it is **65, 52.649, 289.502**.

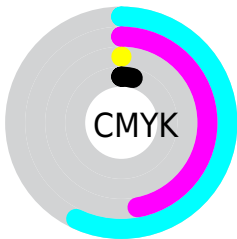
Distribution



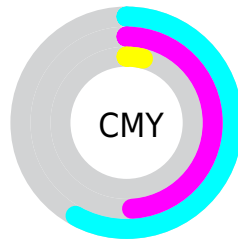
- Red (42%)
- Green (51%)
- Blue (96%)



- Red (42%)
- Yellow (50%)
- Blue (96%)



- Cyan (57%)
- Magenta (47%)
- Yellow (0%)
- Black (4%)





- Cyan (58%)
- Magenta (49%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 65.139, 291.913 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 58, 65.139, 291.913 by changing the saturation by 10% instead.


 58, 65.139,
291.913


 58, 65.139,
291.913


 100, 65.139,
291.913


 48, 65.139,
291.913


 78, 65.139,
291.913

 38, 65.139,
291.913

 88, 65.139,
291.913

 28, 65.139,
291.913

 98, 65.139,
291.913

 18, 65.139,
291.913

 8, 65.139, 291.913

 0, 65.139, 291.913

■ 58, 65.139,
291.913

■ 58, 65.139,
291.913

■ 52, 78.044,
294.612

■ 65, 52.649,
289.502

■ 45, 91.162,
297.497

■ 72, 40.611,
287.403

■ 40, 103.939,
300.369

■ 79, 29.002,
285.601

■ 36, 115.302,
302.941

■ 85, 17.785,
284.066

■ 35, 118.678,
303.675

■ 92, 6.927, 282.767

■ 99, 3.598, 101.572

■ 100, 4.625,
109.816

Harmonies

Complementary

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



58, 65.139, 291.913



88, 58.671, 95.356

Rectangle

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



58, 65.139, 291.913



58, 65.139, 341.913



58, 65.139, 111.913



58, 65.139, 161.913

Sweetspot

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



58, 65.138, 291.914



88, 18.847, 284.136



89, 43.777, 178.848



45, 12.646, 284.428



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 65.138, 291.914



52, 82.378, 295.064



56, 79.595, 306.710



47, 6.026, 283.125



26, 95.036, 303.284



5, 35.124, 296.581

Inverse Universe

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



63, 57.006, 14.006



60, 70.404, 17.598



91, 70.093, 119.406



48, 5.203, 6.158



39, 74.713, 31.451



8, 30.106, 17.928

Previews

White Background



This preview shows how the CIELCh color 58, 65.139, 291.913 looks on a white background.

Color Contrast Check

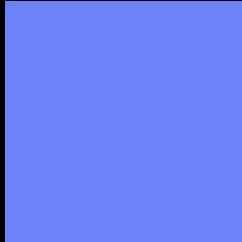
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 65.139, 291.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

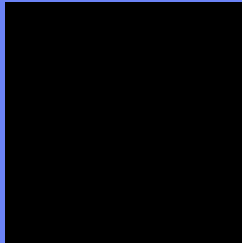
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 65.139, 291.913

Background



This preview shows how black text looks on a background with the CIELCh color 58, 65.139, 291.913.

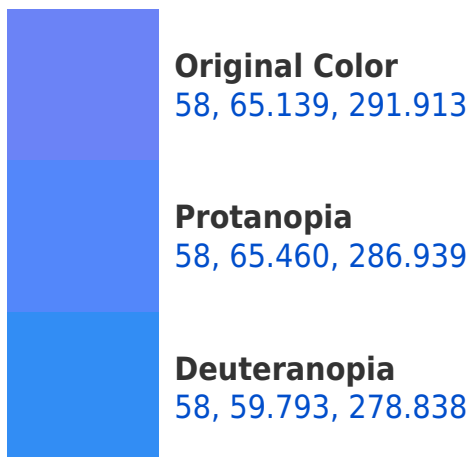


This preview shows how white text looks on a background with the CIELCh color 58, 65.139, 291.913.

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](#).

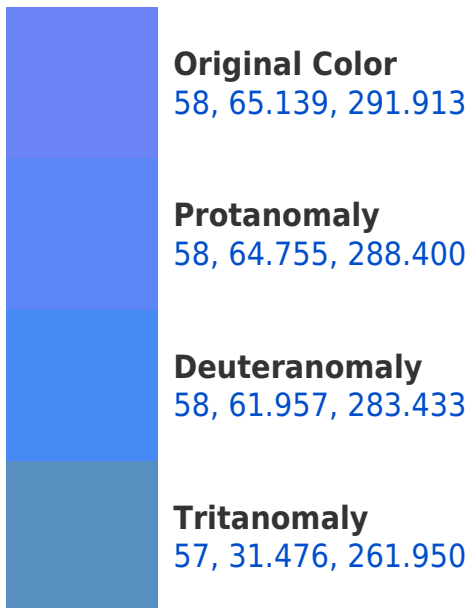
Dichromacy



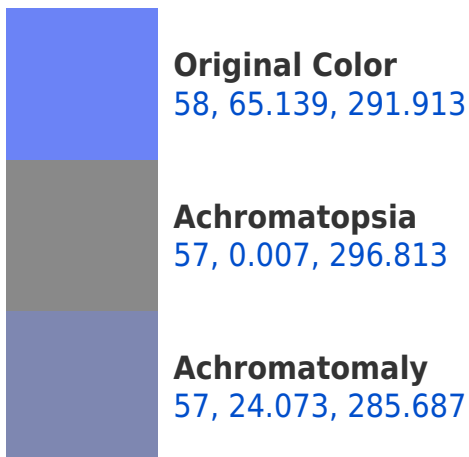


Tritanopia
58, 24.115, 214.038

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 65.139, 291.913 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(107, 131, 246)` looks like.

```
.text, #text, p{  
    color:rgb(107, 131, 246)  
}
```

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(107, 131, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 131, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 65.139, 291.913 is called "border". The border property can be set on classes, ids or directly on the HTML element.

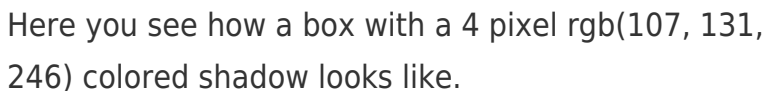
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 131, 246) }
```

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

```
.border{ border-color:rgb(107, 131, 246) }
```

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



Here you see how a box with a 4 pixel rgb(107, 131, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 131, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 131, 246);  
box-shadow:4px 4px 4px 4px rgb(107, 131,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 65.139, 291.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 131, 246) }
```

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

```
.background{ background-color: rgb(107,  
131, 246) }
```

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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