

Converting Colors

CIELCh(61, 33.928, 270.306)

Have a look what the booklet for
CIELCh(61, 33.928, 270.306)
contains.

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Color

CIELCh(61, 34.065, 270.443)

Conversions

Conversions Part 1

Format	Color
Hex	6896CF
RGB	104, 150, 207
RGB Percent	41%, 59%, 81%
CMY	0.5923, 0.4119, 0.1884
CMYK	0.50, 0.28, 0.00, 0.19
HSL	213°, 52%, 61%
HSV	213°, 50%, 81%
XYZ	27.8657, 29.2481, 63.1880
YIQ	142.7440, -45.7130, 7.9750

Conversions

Conversions Part 2

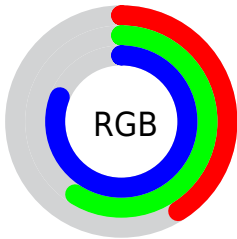
Format	Color
RYB	104, 136, 207
Decimal	6854351
CIELab	61.00, 0.26, -34.06
CIELCh	61, 34.065, 270.443
Yxy	29.2481, 0.2316, 0.2431
Android (android.graphics.Color)	4285044431 (0xFF6896CF)
YUV	142.7440, 31.6782, -33.9785
Hunter-Lab	54.0815, -2.6699, -31.4164

Details

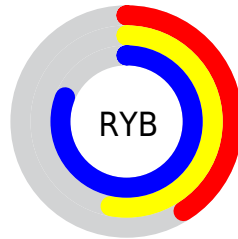
The CIELCh color **61, 34.065, 270.443** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **69, 37.445, 74.400**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.692, 265.723**, and **41, 33.614, 269.774** is the 20% darker color. If you saturate the color by 10%, you get **57, 40.843, 273.442**, and if you desaturate by 10%, it is **65, 27.271, 267.877**.

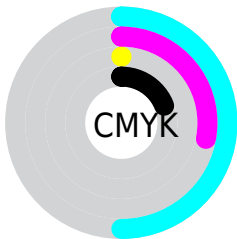
Distribution



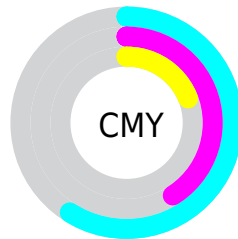
- Red (41%)
- Green (59%)
- Blue (81%)



- Red (41%)
- Yellow (53%)
- Blue (81%)



- Cyan (50%)
- Magenta (28%)
- Yellow (0%)
- Black (19%)



- Cyan (59%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 34.065, 270.443 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 61, 34.065, 270.443 by changing the saturation by 10% instead.

■ 61, 34.065,
270.443

■ 61, 34.065,
270.443

■ 100, 34.065,
270.443

■ 51, 34.065,
270.443

■ 81, 34.065,
270.443

■ 41, 34.065,
270.443

■ 91, 34.065,
270.443

■ 31, 34.065,
270.443

■ 21, 34.065,
270.443

■ 11, 34.065,
270.443

■ 1, 34.065, 270.443

■ 0, 34.065, 270.443

61, 34.065,
270.443

61, 34.065,
270.443

57, 40.843,
273.442

65, 27.271,
267.877

53, 47.649,
276.892

70, 20.448,
265.701

49, 54.547,
280.758

74, 13.594,
263.863

45, 61.608,
284.928

79, 6.721, 262.322

42, 68.881,
289.126

83, 0.155, 78.774

42, 69.056,
289.219

88, 7.016, 79.748

92, 13.849, 78.785

96, 18.375, 92.892

98, 23.312,
106.610

Harmonies

Complementary

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



61, 34.065, 270.443



69, 37.445, 74.400

Rectangle

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



61, 34.065, 270.443



61, 34.065, 320.443



61, 34.065, 90.443



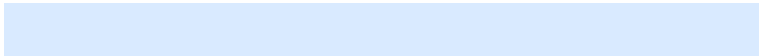
61, 34.065, 140.443

Sweetspot

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



61, 34.064, 270.443



92, 12.226, 263.121



76, 43.111, 161.100



48, 8.340, 263.459



0, 0.000, 0.000



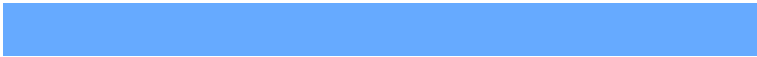
53, 0.007, 296.813

Same Dimension

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



61, 34.064, 270.443



69, 48.566, 273.755



49, 60.272, 298.676



42, 3.939, 262.274



34, 58.310, 288.561



5, 17.366, 276.471

Inverse Universe

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



57, 46.281, 352.367



65, 64.702, 354.403



81, 52.584, 107.823



41, 5.235, 347.405



36, 61.845, 6.770



5, 21.331, 357.317

Previews

White Background



This preview shows how the CIELCh color 61, 34.065, 270.443 looks on a white background.

Color Contrast Check

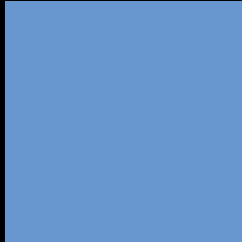
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 34.065, 270.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

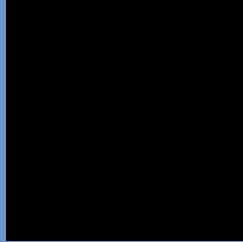
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

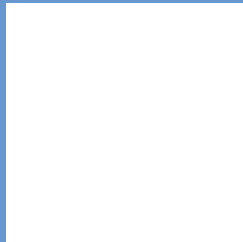
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 34.065, 270.443

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.065, 270.443.

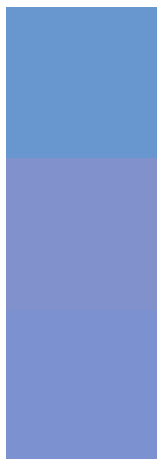


This preview shows how white text looks on a background with the CIELCh color 61, 34.065, 270.443.

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

61, 34.065, 270.443

Protanopia

61, 32.853, 284.899

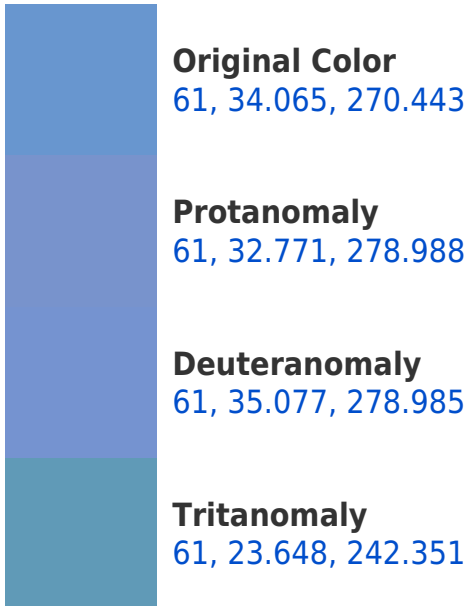
Deuteranopia

61, 35.784, 283.681

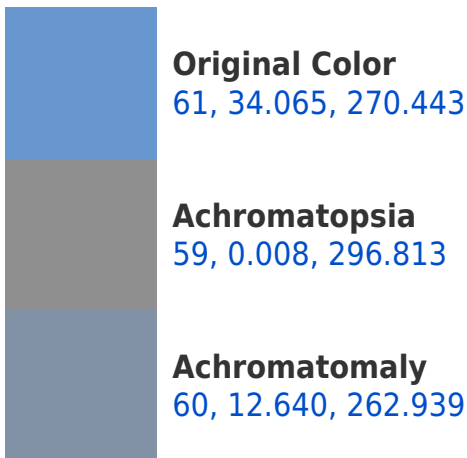


Tritanopia
61, 21.749, 217.577

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.065, 270.443 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(104, 150, 207)` looks like.

```
.text, #text, p{  
    color:rgb(104, 150, 207)  
}
```

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(104, 150, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 150, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.065, 270.443 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(104, 150, 207) }
```

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

```
.border{ border-color:rgb(104, 150, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 150, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 150, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 150, 207);  
box-shadow:4px 4px 4px 4px rgb(104, 150,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.065, 270.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 150, 207) }
```

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

```
.background{ background-color: rgb(104,  
150, 207) }
```

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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