

Converting Colors

CIELCh(66, 39.939, 265.609)

Have a look what the booklet for
CIELCh(66, 39.939, 265.609)
contains.

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Color

CIELCh(66, 39.570, 265.195)

Conversions

Conversions Part 1

Format	Color
Hex	5FA6E7
RGB	95, 166, 231
RGB Percent	37%, 65%, 91%
CMY	0.6288, 0.3502, 0.0954
CMYK	0.59, 0.28, 0.00, 0.10
HSL	209°, 74%, 64%
HSV	209°, 59%, 90%
XYZ	32.6385, 35.3238, 80.4524
YIQ	152.1810, -63.1810, 5.1630

Conversions

Conversions Part 2

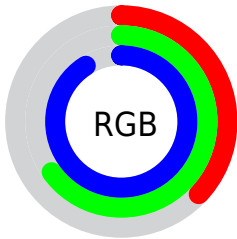
Format	Color
R_{YB}	95, 142, 231
Decimal	6268647
CIE Lab	66.00, -3.31, -39.43
CIE LCh	66, 39.570, 265.195
Yxy	35.3238, 0.2199, 0.2380
Android (android.graphics.Color)	4284458727 (0xFF5FA6E7)
YUV	152.1810, 38.8578, -50.1477
Hunter-Lab	59.4338, -5.9847, -38.6540

Details

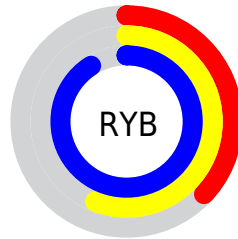
The CIELCh color **66, 39.570, 265.195** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **71, 48.306, 65.787**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 26.237, 241.739**, and **46, 39.714, 265.532** is the 20% darker color. If you saturate the color by 10%, you get **62, 45.723, 268.768**, and if you desaturate by 10%, it is **70, 33.265, 262.144**.

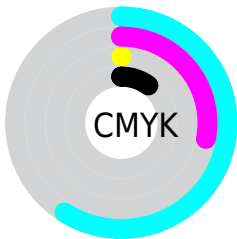
Distribution



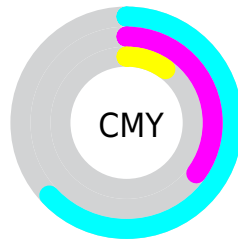
- Red (37%)
- Green (65%)
- Blue (91%)



- Red (37%)
- Yellow (56%)
- Blue (91%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (10%)





- Cyan (63%)
- Magenta (35%)
- Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 39.570, 265.195 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 66, 39.570, 265.195 by changing the saturation by 10% instead.


 66, 39.570,
265.195


 66, 39.570,
265.195


 100, 39.570,
265.195


 56, 39.570,
265.195


 86, 39.570,
265.195

 46, 39.570,
265.195

 96, 39.570,
265.195

 36, 39.570,
265.195

 26, 39.570,
265.195

 16, 39.570,
265.195

 6, 39.570, 265.195

 0, 39.570, 265.195

66, 39.570,
265.195

66, 39.570,
265.195

62, 45.723,
268.768

70, 33.265,
262.144

58, 51.804,
272.851

74, 26.779,
259.575

55, 57.924,
277.356

79, 20.112,
257.429

51, 64.220,
282.044

83, 13.284,
255.643

51, 64.889,
282.504

88, 6.328, 254.174

92, 0.723, 72.248

96, 7.594, 74.145

99, 11.743,
107.241

99, 12.315,
109.247

Harmonies

Complementary

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



66, 39.570, 265.195



71, 48.306, 65.787

Rectangle

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



66, 39.570, 265.195



66, 39.570, 315.195



66, 39.570, 85.195



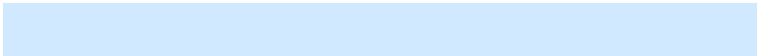
66, 39.570, 135.195

Sweetspot

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



66, 39.569, 265.195



91, 13.684, 255.503



83, 58.724, 155.334



47, 9.486, 255.984



0, 0.000, 0.000



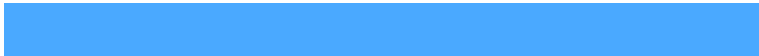
53, 0.007, 296.813

Same Dimension

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



66, 39.569, 265.195



67, 50.918, 269.712



48, 76.617, 298.316



46, 3.990, 254.238



40, 52.703, 281.665



9, 19.038, 272.774

Inverse Universe

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



60, 60.876, 349.116



61, 75.649, 351.548



88, 64.820, 103.071



45, 5.942, 343.202



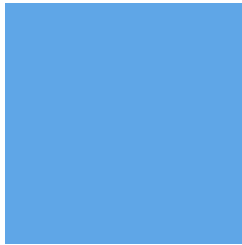
38, 65.145, 359.786



7, 27.845, 353.262

Previews

White Background



This preview shows how the CIE LCh color 66, 39.570, 265.195 looks on a white background.

Color Contrast Check

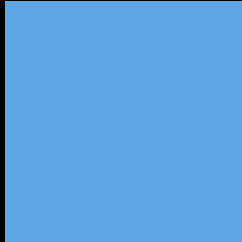
Large Text (above 18pt) WCAG AA × Fail

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 66, 39.570, 265.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

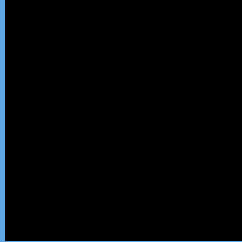
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

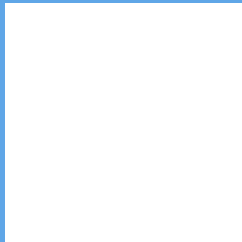
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 39.570, 265.195

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.570, 265.195.

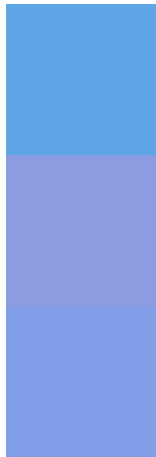


This preview shows how white text looks on a background with the CIELCh color 66, 39.570, 265.195.

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

66, 39.570, 265.195

Protanopia

66, 37.351, 285.500

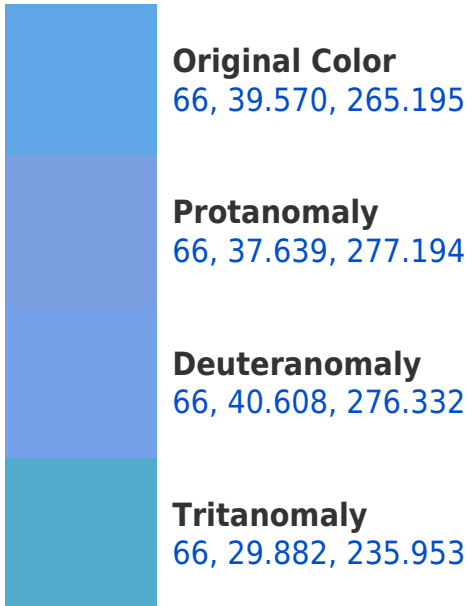
Deuteranopia

66, 41.452, 282.974

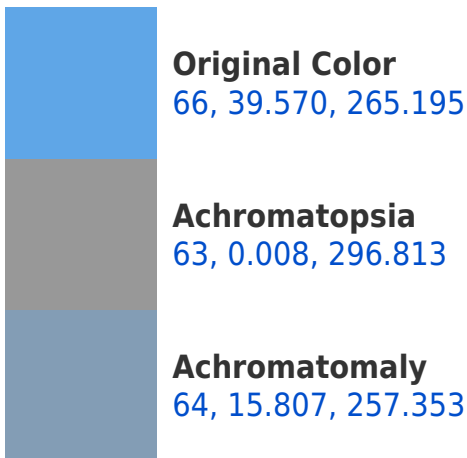


Tritanopia
66, 29.028, 212.924

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.570, 265.195 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(95, 166, 231)` looks like.

```
.text, #text, p{  
    color:rgb(95, 166, 231)  
}
```

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(95, 166, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 166, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.570, 265.195 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(95, 166, 231) }
```

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

```
.border{ border-color:rgb(95, 166, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 166, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 166, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 166, 231);  
box-shadow:4px 4px 4px 4px rgb(95, 166,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.570, 265.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 166, 231) }
```

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

```
.background{ background-color: rgb(95, 166,  
231) }
```

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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