

Converting Colors

CIELCh(66, 39.502, 267.801)

Have a look what the booklet for
CIELCh(66, 39.502, 267.801)
contains.

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Color

CIELCh(66, 39.477, 267.728)

Conversions

Conversions Part 1

Format	Color
Hex	65A5E7
RGB	101, 165, 231
RGB Percent	40%, 65%, 91%
CMY	0.6050, 0.3539, 0.0952
CMYK	0.56, 0.29, 0.00, 0.10
HSL	210°, 73%, 65%
HSV	210°, 56%, 90%
XYZ	33.1302, 35.3238, 80.4725
YIQ	153.3880, -59.3300, 6.9580

Conversions

Conversions Part 2

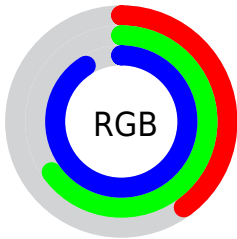
Format	Color
RYB	101, 144, 231
Decimal	6661607
CIELab	66.00, -1.57, -39.45
CIElCh	66, 39.477, 267.728
Yxy	35.3238, 0.2225, 0.2372
Android (android.graphics.Color)	4284851687 (0xFF65A5E7)
YUV	153.3880, 38.2627, -45.9443
Hunter-Lab	59.4338, -4.5079, -38.6741

Details

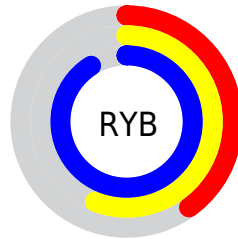
The CIELCh color **66, 39.477, 267.728** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **73, 46.160, 69.024**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.428, 245.301**, and **46, 39.661, 268.177** is the 20% darker color. If you saturate the color by 10%, you get **62, 46.136, 271.137**, and if you desaturate by 10%, it is **70, 32.725, 264.810**.

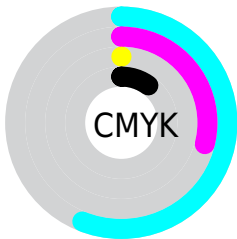
Distribution



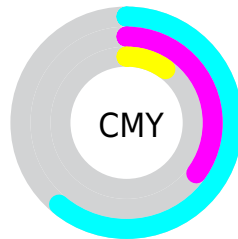
- Red (40%)
- Green (65%)
- Blue (91%)



- Red (40%)
- Yellow (56%)
- Blue (91%)



- Cyan (56%)
- Magenta (29%)
- Yellow (0%)
- Black (10%)



- Cyan (61%)
- Magenta (35%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 39.477, 267.728 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, 39.477, 267.728 by changing the saturation by 10% instead.

■ 66, 39.477,
267.728

■ 66, 39.477,
267.728

■ 100, 39.477,
267.728

■ 56, 39.477,
267.728

■ 86, 39.477,
267.728

■ 46, 39.477,
267.728

■ 96, 39.477,
267.728

■ 36, 39.477,
267.728

■ 26, 39.477,
267.728

■ 16, 39.477,
267.728

■ 6, 39.477, 267.728

■ 0, 39.477, 267.728

66, 39.477,
267.728

66, 39.477,
267.728

62, 46.136,
271.137

70, 32.725,
264.810

58, 52.772,
275.033

75, 25.853,
262.345

54, 59.481,
279.339

79, 18.861,
260.275

50, 66.367,
283.883

84, 11.765,
258.543

49, 68.956,
285.485

89, 4.590, 257.127

93, 2.637, 75.641

97, 8.656, 89.258

99, 12.284,
109.249

Harmonies

Complementary

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



66, 39.477, 267.728



73, 46.160, 69.024

Rectangle

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



66, 39.477, 267.728



66, 39.477, 317.728



66, 39.477, 87.728



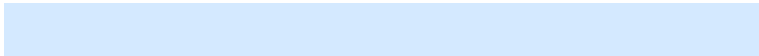
66, 39.477, 137.728

Sweetspot

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



66, 39.476, 267.728



91, 13.264, 258.662



83, 54.842, 157.405



48, 8.863, 258.991



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, 39.476, 267.728



67, 51.211, 271.889



49, 75.590, 298.880



46, 4.083, 257.528



38, 55.957, 284.679



8, 20.038, 276.073

Inverse Universe

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



61, 57.747, 350.568



62, 72.577, 352.953



89, 64.077, 104.892



45, 5.824, 344.810



38, 64.786, 2.595



7, 27.540, 355.503

Previews

White Background



This preview shows how the CIELCh color 66, 39.477, 267.728 looks on a white background.

Color Contrast Check

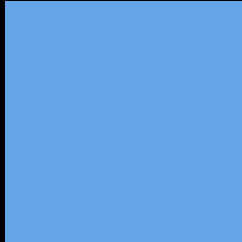
Large Text (above 18pt) WCAG AA × Fail

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, 39.477, 267.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

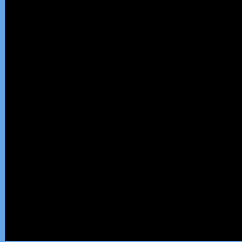
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

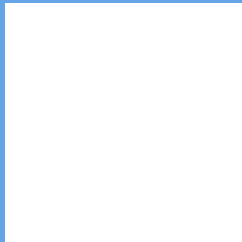
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 39.477, 267.728

Background



This preview shows how black text looks on a background with the CIELCh color 66, 39.477, 267.728.



This preview shows how white text looks on a background with the CIELCh color 66, 39.477, 267.728.

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](#).

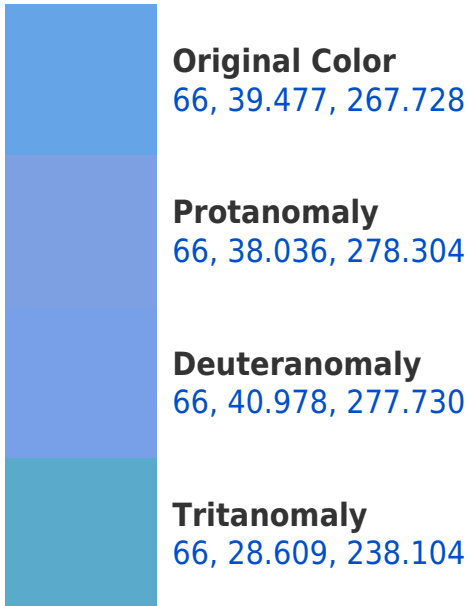
Dichromacy



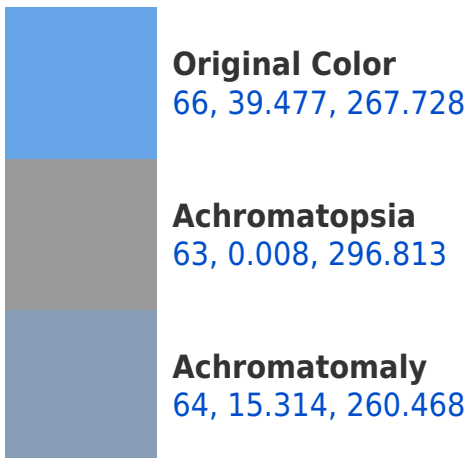


Tritanopia
66, 27.278, 214.090

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 39.477, 267.728 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(101, 165, 231)` looks like.

```
.text, #text, p{  
    color:rgb(101, 165, 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(101, 165, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 165, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 39.477, 267.728 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(101, 165, 231) }
```

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

```
.border{ border-color:rgb(101, 165, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 165, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 165, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 165, 231);  
box-shadow:4px 4px 4px 4px rgb(101, 165,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 39.477, 267.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 165, 231) }
```

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

```
.background{ background-color: rgb(101,  
165, 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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