

Converting Colors

CIELCh(66, 37.120, 263.675)

Have a look what the booklet for
CIELCh(66, 37.120, 263.675)
contains.

CIELCh(66, 37.060, 263.356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 37.060, 263.356)

Conversions

Conversions Part 1

Format	Color
Hex	62A6E2
RGB	98, 166, 226
RGB Percent	38%, 65%, 89%
CMY	0.6160, 0.3493, 0.1140
CMYK	0.57, 0.27, 0.00, 0.11
HSL	208°, 69%, 63%
HSV	208°, 57%, 89%
XYZ	32.3671, 35.3238, 77.0058
YIQ	152.5080, -59.7880, 4.2440

Conversions

Conversions Part 2

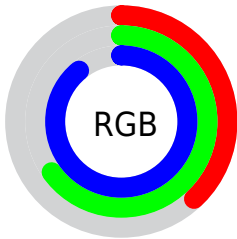
Format	Color
R _Y B	98, 142, 226
Decimal	6465250
CIE Lab	66.00, -4.29, -36.81
CIE LCh	66, 37.060, 263.356
Yxy	35.3238, 0.2237, 0.2441
Android (android.graphics.Color)	4284655330 (0xFF62A6E2)
YUV	152.5080, 36.2316, -47.8035
Hunter-Lab	59.4338, -6.7999, -35.2157

Details

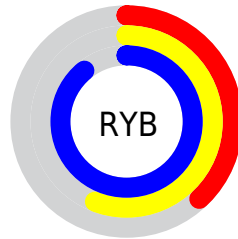
The CIELCh color `66, 37.060, 263.356` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `70, 45.353, 65.202`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 25.854, 242.560`, and `46, 37.026, 263.544` is the 20% darker color. If you saturate the color by 10%, you get `62, 43.004, 266.802`, and if you desaturate by 10%, it is `70, 30.934, 260.431`.

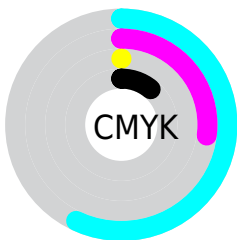
Distribution



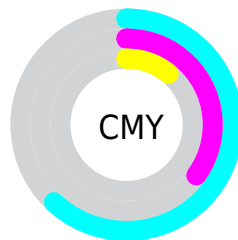
- Red (38%)
- Green (65%)
- Blue (89%)



- Red (38%)
- Yellow (56%)
- Blue (89%)



- Cyan (57%)
- Magenta (27%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (35%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 37.060, 263.356 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, 37.060, 263.356 by changing the saturation by 10% instead.

■ 66, 37.060,
263.356

■ 66, 37.060,
263.356

■ 100, 37.060,
263.356

■ 56, 37.060,
263.356

■ 86, 37.060,
263.356

■ 46, 37.060,
263.356

■ 96, 37.060,
263.356

■ 36, 37.060,
263.356

■ 26, 37.060,
263.356

■ 16, 37.060,
263.356

■ 6, 37.060, 263.356

■ 0, 37.060, 263.356

66, 37.060,
263.356

66, 37.060,
263.356

62, 43.004,
266.802

70, 30.934,
260.431

58, 48.833,
270.776

74, 24.609,
257.979

55, 54.650,
275.215

78, 18.092,
255.936

52, 60.587,
279.949

83, 11.410,
254.241

51, 62.636,
281.482

87, 4.597, 252.867

91, 2.312, 71.386

96, 9.040, 72.446

98, 12.638,
101.986

■ 99, 14.713,
109.066

Harmonies

Complementary

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



66, 37.060, 263.356



70, 45.353, 65.202

Rectangle

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



66, 37.060, 263.356



66, 37.060, 313.356



66, 37.060, 83.356



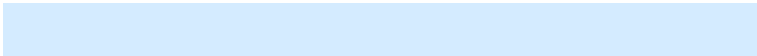
66, 37.060, 133.356

Sweetspot

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



66, 37.059, 263.356



92, 12.843, 254.312



82, 55.788, 155.704



48, 8.575, 254.632



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, 37.059, 263.356



69, 48.282, 267.479



49, 72.066, 297.774



45, 3.892, 253.213



40, 51.149, 280.640



9, 17.997, 271.096

Inverse Universe

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



60, 58.159, 348.159



62, 73.824, 350.289



87, 61.575, 103.277



44, 5.869, 342.727



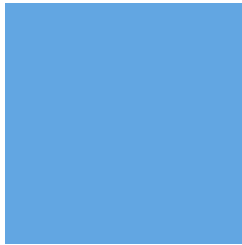
38, 64.604, 358.905



6, 26.773, 352.405

Previews

White Background



This preview shows how the CIE LCh color 66, 37.060, 263.356 looks on a white background.

Color Contrast Check

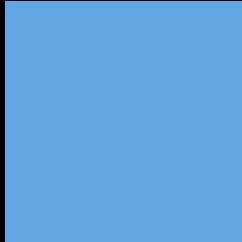
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 37.060, 263.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

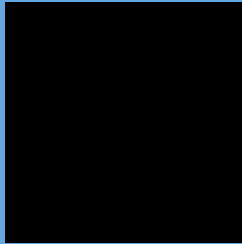
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 37.060, 263.356

Background



This preview shows how black text looks on a background with the CIELCh color 66, 37.060, 263.356.

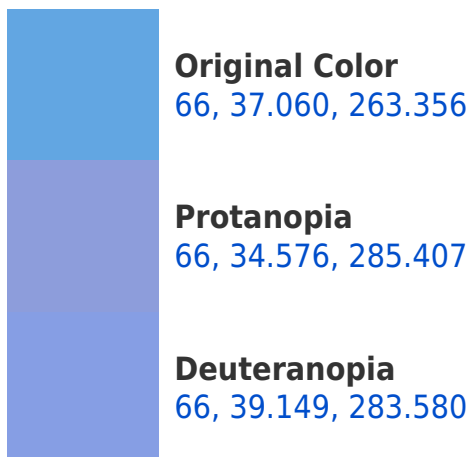


This preview shows how white text looks on a background with the CIELCh color 66, 37.060, 263.356.

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](#).

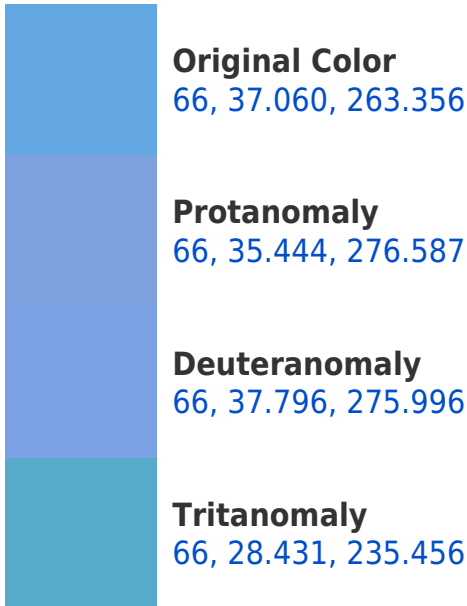
Dichromacy



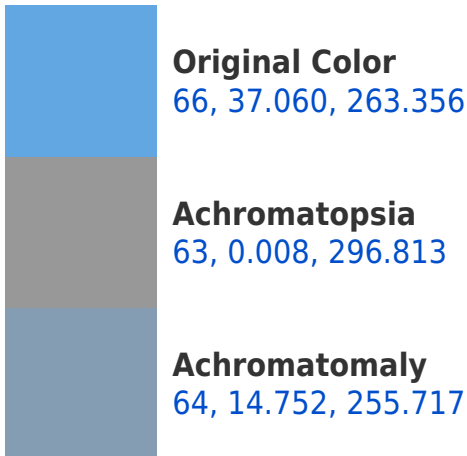


Tritanopia
66, 27.478, 213.951

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 37.060, 263.356 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(98, 166, 226)` looks like.

```
.text, #text, p{  
    color:rgb(98, 166, 226)  
}
```

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(98, 166, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 166, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 37.060, 263.356 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(98, 166, 226) }
```

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

```
.border{ border-color:rgb(98, 166, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 166, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 166, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 166, 226);  
box-shadow:4px 4px 4px 4px rgb(98, 166,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 37.060, 263.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 166, 226) }
```

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

```
.background{ background-color: rgb(98, 166,  
226) }
```

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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