

Converting Colors

CIELCh(61, 37.680, 265.255)

Have a look what the booklet for
CIELCh(61, 37.680, 265.255)
contains.

CIELCh(61, 37.701, 265.342)	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(61, 37.701, 265.342)

Conversions

Conversions Part 1

Format	Color
Hex	5598D5
RGB	85, 152, 213
RGB Percent	33%, 60%, 84%
CMY	0.6661, 0.4034, 0.1642
CMYK	0.60, 0.29, 0.00, 0.16
HSL	209°, 60%, 58%
HSV	209°, 60%, 84%
XYZ	27.0372, 29.2481, 67.2640
YIQ	138.9210, -59.5130, 4.7670

Conversions

Conversions Part 2

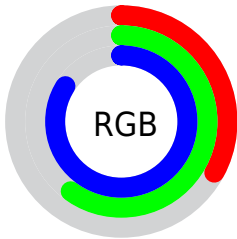
Format	Color
R _Y B	85, 129, 213
Decimal	5609685
CIE Lab	61.00, -3.06, -37.58
CIE LCh	61, 37.701, 265.342
Yxy	29.2481, 0.2188, 0.2367
Android (android.graphics.Color)	4283799765 (0xFF5598D5)
YUV	138.9210, 36.5209, -47.2887
Hunter-Lab	54.0815, -5.4044, -35.8849

Details

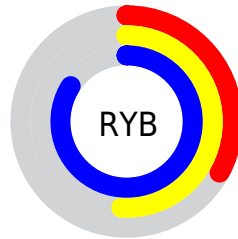
The CIELCh color **61, 37.701, 265.342** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **66, 46.204, 65.589**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 31.063, 256.359**, and **41, 37.820, 265.888** is the 20% darker color. If you saturate the color by 10%, you get **57, 43.448, 268.939**, and if you desaturate by 10%, it is **65, 31.814, 262.264**.

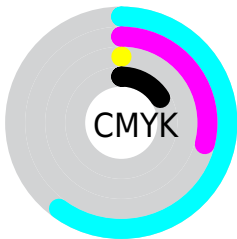
Distribution



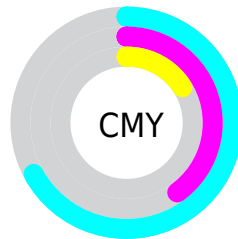
- Red (33%)
- Green (60%)
- Blue (84%)



- Red (33%)
- Yellow (51%)
- Blue (84%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



- Cyan (67%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 37.701, 265.342 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, 37.701, 265.342 by changing the saturation by 10% instead.

■ 61, 37.701,
265.342

■ 61, 37.701,
265.342

■ 100, 37.701,
265.342

■ 51, 37.701,
265.342

■ 81, 37.701,
265.342

■ 41, 37.701,
265.342

■ 91, 37.701,
265.342

■ 31, 37.701,
265.342

■ 21, 37.701,
265.342

■ 11, 37.701,
265.342

■ 1, 37.701, 265.342

■ 0, 37.701, 265.342

61, 37.701,
265.342

61, 37.701,
265.342

57, 43.448,
268.939

65, 31.814,
262.264

54, 49.132,
273.040

69, 25.757,
259.669

50, 54.859,
277.550

73, 19.528,
257.498

47, 60.737,
282.161

77, 13.146,
255.689

81, 6.638, 254.197

85, 0.039, 263.357

90, 6.625, 71.709

94, 13.165, 71.672

96, 16.080, 93.632

Harmonies

Complementary

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



61, 37.701, 265.342



66, 46.204, 65.589

Rectangle

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



61, 37.701, 265.342



61, 37.701, 315.342



61, 37.701, 85.342



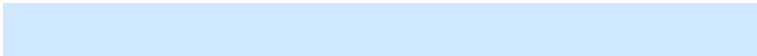
61, 37.701, 135.342

Sweetspot

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



61, 37.700, 265.342



91, 13.673, 255.388



77, 55.973, 155.207



47, 9.478, 255.868



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, 37.700, 265.342



67, 51.497, 269.995



44, 73.273, 298.500



43, 3.767, 254.114



38, 50.757, 281.392



7, 16.619, 270.539

Inverse Universe

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



55, 58.027, 349.190



60, 76.346, 351.704



82, 61.782, 103.003



42, 5.617, 343.142



37, 63.104, 359.548



5, 23.777, 352.682

Previews

White Background



This preview shows how the CIELCh color 61, 37.701, 265.342 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 CIELCh color 61, 37.701, 265.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

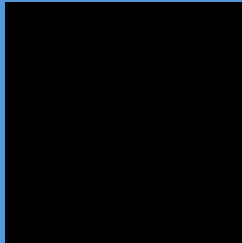
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 37.701, 265.342

Background



This preview shows how black text looks on a background with the CIELCh color 61, 37.701, 265.342.

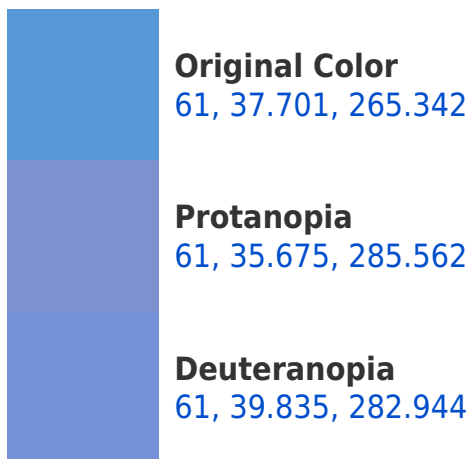



This preview shows how white text looks on a background with the CIELCh color 61, 37.701, 265.342.

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](#).

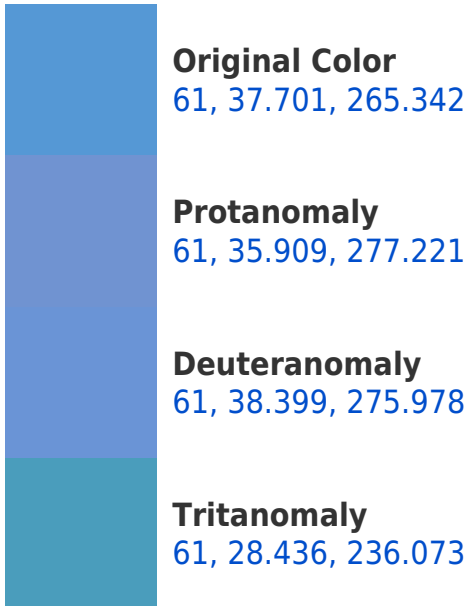
Dichromacy



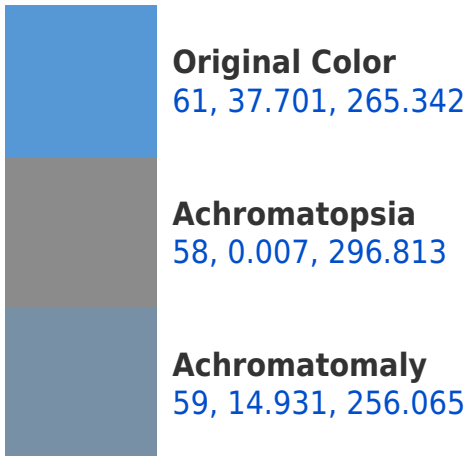


Tritanopia
61, 27.706, 212.702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 37.701, 265.342 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(85, 152, 213)` looks like.

```
.text, #text, p{  
    color:rgb(85, 152, 213)  
}
```

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(85, 152, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 152, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 37.701, 265.342 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(85, 152, 213) }
```

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

```
.border{ border-color:rgb(85, 152, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 152, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 152, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 152, 213);  
box-shadow:4px 4px 4px 4px rgb(85, 152,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 37.701, 265.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 152, 213) }
```

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

```
.background{ background-color: rgb(85, 152,  
213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor