

Converting Colors

CIELCh(59, 37.432, 267.312)

Have a look what the booklet for
CIELCh(59, 37.432, 267.312)
contains.

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Color

CIELCh(59, 37.432, 267.312)

Conversions

Conversions Part 1

Format	Color
Hex	5492CF
RGB	84, 146, 207
RGB Percent	33%, 57%, 81%
CMY	0.6697, 0.4267, 0.1874
CMYK	0.59, 0.29, 0.00, 0.19
HSL	210°, 56%, 57%
HSV	210°, 59%, 81%
XYZ	25.2728, 27.0277, 63.0501
YIQ	134.4160, -56.5330, 5.8270

Conversions

Conversions Part 2

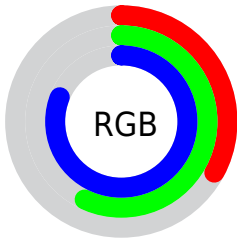
Format	Color
R _Y B	84, 125, 207
Decimal	5542607
CIE Lab	59.00, -1.76, -37.39
CIE LCh	59, 37.432, 267.312
Yxy	27.0277, 0.2191, 0.2343
Android (android.graphics.Color)	4283732687 (0xFF5492CF)
YUV	134.4160, 35.7839, -44.2148
Hunter-Lab	51.9882, -4.2058, -35.5138

Details

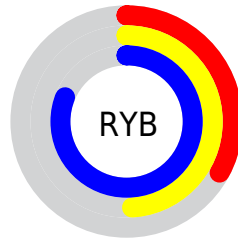
The CIELCh color **59, 37.432, 267.312** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **65, 44.676, 67.573**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 33.163, 262.002**, and **39, 37.193, 266.974** is the 20% darker color. If you saturate the color by 10%, you get **55, 43.348, 270.842**, and if you desaturate by 10%, it is **63, 31.419, 264.281**.

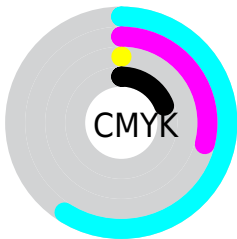
Distribution



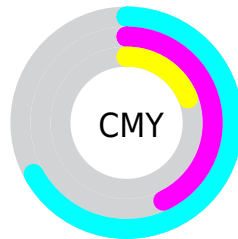
- Red (33%)
- Green (57%)
- Blue (81%)



- Red (33%)
- Yellow (49%)
- Blue (81%)



- Cyan (59%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (67%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 37.432, 267.312 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 59, 37.432, 267.312 by changing the saturation by 10% instead.

■ 59, 37.432,
267.312

■ 59, 37.432,
267.312

■ 100, 37.432,
267.312

■ 49, 37.432,
267.312

■ 79, 37.432,
267.312

■ 39, 37.432,
267.312

■ 89, 37.432,
267.312

■ 29, 37.432,
267.312

■ 99, 37.432,
267.312

■ 19, 37.432,
267.312

■ 9, 37.432, 267.312

■ 0, 37.432, 267.312

■ 59, 37.432,
267.312

■ 59, 37.432,
267.312

■ 55, 43.348,
270.842

■ 63, 31.419,
264.281

■ 52, 49.239,
274.854

■ 67, 25.278,
261.716

■ 48, 55.200,
279.257

■ 71, 19.006,
259.562

■ 45, 61.345,
283.788

■ 75, 12.616,
257.760

■ 45, 61.754,
284.065

■ 79, 6.132, 256.268

■ 83, 0.419, 74.010

■ 88, 7.011, 73.770

■ 92, 13.620, 72.859

■ 95, 17.241, 88.120

Harmonies

Complementary

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



59, 37.432, 267.312



65, 44.676, 67.573

Rectangle

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



59, 37.432, 267.312



59, 37.432, 317.312



59, 37.432, 87.312



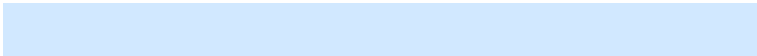
59, 37.432, 137.312

Sweetspot

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



59, 37.431, 267.312



91, 13.897, 257.576



75, 53.384, 156.153



47, 9.639, 258.063



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 37.431, 267.312



66, 52.413, 271.803



43, 71.992, 298.897



42, 3.748, 256.276



37, 52.139, 283.346



6, 16.122, 271.684

Inverse Universe

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



54, 55.658, 350.296



61, 75.059, 352.844



81, 60.622, 103.891



41, 5.435, 344.179



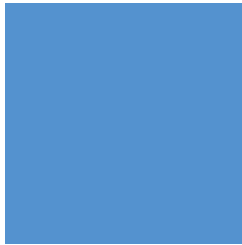
36, 62.160, 1.310



5, 21.851, 353.694

Previews

White Background



This preview shows how the CIELCh color 59, 37.432, 267.312 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 59, 37.432, 267.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

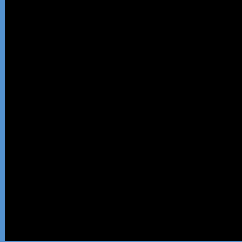
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 37.432, 267.312

Background



This preview shows how black text looks on a background with the CIELCh color 59, 37.432, 267.312.

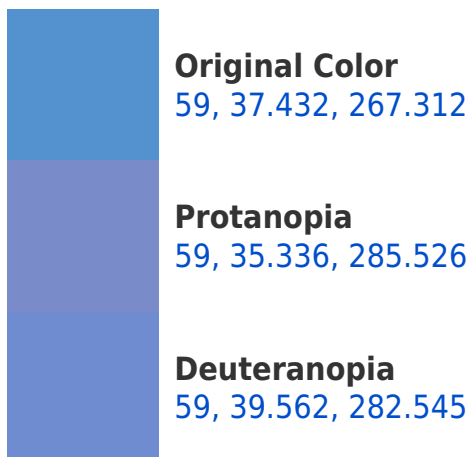



This preview shows how white text looks on a background with the CIELCh color 59, 37.432, 267.312.

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](#).

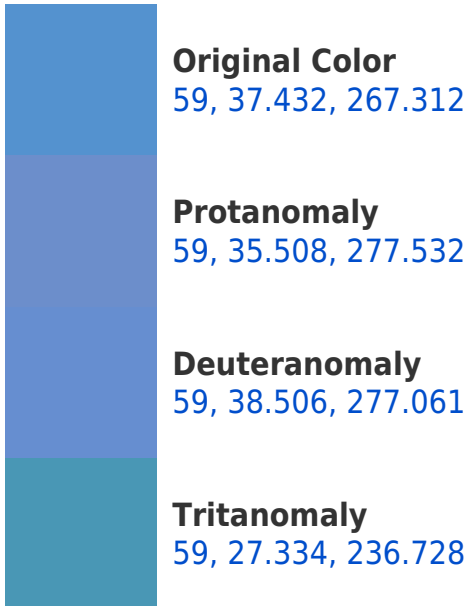
Dichromacy



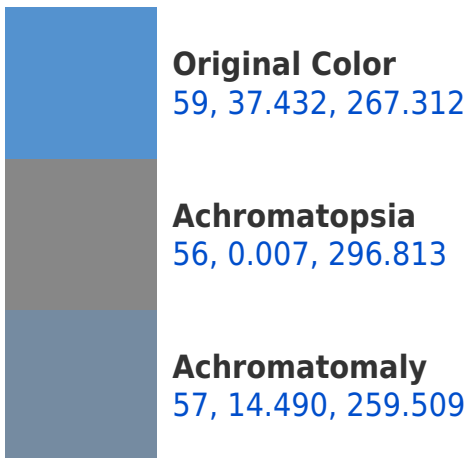


Tritanopia
59, 26.596, 212.215

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 37.432, 267.312 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(84, 146, 207)` looks like.

```
.text, #text, p{  
    color:rgb(84, 146, 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(84, 146, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 146, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 37.432, 267.312 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(84, 146, 207) }
```

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

```
.border{ border-color:rgb(84, 146, 207) }
```

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

Here you see how a box with a 4 pixel rgb(84, 146, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 146, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 146, 207);  
box-shadow:4px 4px 4px 4px rgb(84, 146,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 37.432, 267.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 146, 207) }
```

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

```
.background{ background-color: rgb(84, 146,  
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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