

Converting Colors

CIELCh(67, 37.882, 246.454)

Have a look what the booklet for
CIELCh(67, 37.882, 246.454)
contains.

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Color

CIELCh(67, 37.903, 246.517)

Conversions

Conversions Part 1

Format	Color
Hex	3DAEE1
RGB	61, 174, 225
RGB Percent	24%, 68%, 88%
CMY	0.7615, 0.3182, 0.1182
CMYK	0.73, 0.23, 0.00, 0.12
HSL	199°, 73%, 56%
HSV	199°, 73%, 88%
XYZ	30.5915, 36.6320, 76.5875
YIQ	146.0270, -83.7190, -8.0950

Conversions

Conversions Part 2

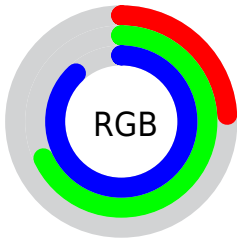
Format	Color
R _Y B	61, 128, 225
Decimal	4042465
CIE Lab	67.00, -15.10, -34.76
CIE LCh	67, 37.903, 246.517
Yxy	36.6320, 0.2127, 0.2547
Android (android.graphics.Color)	4282232545 (0xFF3DAEE1)
YUV	146.0270, 38.9337, -74.5687
Hunter-Lab	60.5244, -15.6965, -32.6585

Details

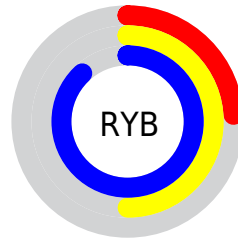
The CIELCh color **67, 37.903, 246.517** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **60, 62.533, 49.607**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 31.278, 223.847**, and **48, 34.739, 251.564** is the 20% darker color. If you saturate the color by 10%, you get **65, 41.009, 250.562**, and if you desaturate by 10%, it is **70, 34.290, 243.156**.

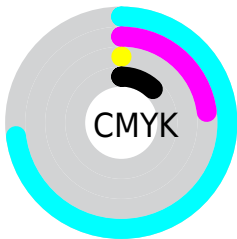
Distribution



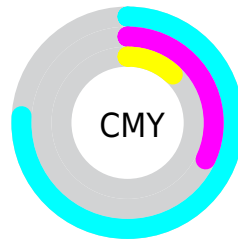
- Red (24%)
- Green (68%)
- Blue (88%)



- Red (24%)
- Yellow (50%)
- Blue (88%)



- Cyan (73%)
- Magenta (23%)
- Yellow (0%)
- Black (12%)



- Cyan (76%)
- Magenta (32%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 37.903, 246.517 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 67, 37.903, 246.517 by changing the saturation by 10% instead.

■ 67, 37.903,
246.517

■ 67, 37.903,
246.517

■ 100, 37.903,
246.517

■ 57, 37.903,
246.517

■ 87, 37.903,
246.517

■ 47, 37.903,
246.517

■ 97, 37.903,
246.517

■ 37, 37.903,
246.517

■ 27, 37.903,
246.517

■ 17, 37.903,
246.517

■ 7, 37.903, 246.517

■ 0, 37.903, 246.517

67, 37.903,
246.517

67, 37.903,
246.517

65, 41.009,
250.562

70, 34.290,
243.156

62, 43.751,
255.272

72, 30.114,
240.423

61, 45.616,
258.825

75, 25.375,
238.231

79, 20.117,
236.490

82, 14.409,
235.116

85, 8.326, 234.049

88, 1.941, 233.399

92, 4.678, 52.316

Harmonies

Complementary

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



67, 37.903, 246.517



60, 62.533, 49.607

Rectangle

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



67, 37.903, 246.517



67, 37.903, 296.517



67, 37.903, 66.517



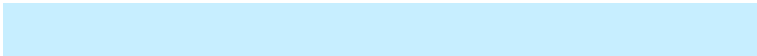
67, 37.903, 116.517

Sweetspot

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



67, 37.902, 246.517



92, 15.323, 235.019



80, 78.906, 145.995



48, 10.223, 235.355



0, 0.000, 0.000



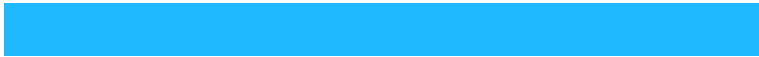
53, 0.007, 296.813

Same Dimension

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



67, 37.902, 246.517



71, 46.841, 253.150



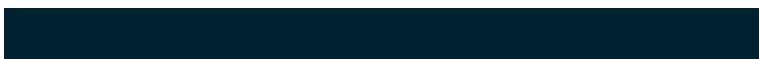
45, 77.547, 295.083



45, 3.669, 233.745



48, 37.659, 257.911



11, 14.383, 248.167

Inverse Universe

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



54, 76.175, 341.316



58, 90.573, 343.737



78, 66.651, 91.504



44, 6.557, 335.346



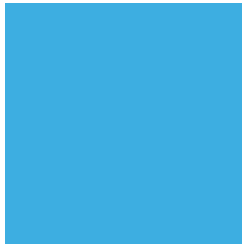
39, 69.456, 345.609



7, 29.181, 342.034

Previews

White Background



This preview shows how the CIELCh color 67, 37.903, 246.517 looks on a white background.

Color Contrast Check

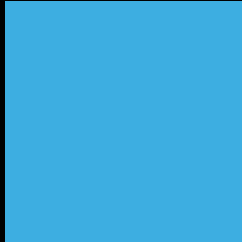
Large Text (above 18pt) WCAG AA × Fail

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 67, 37.903, 246.517 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

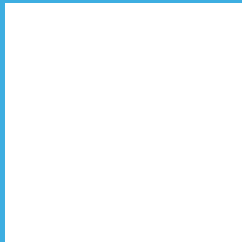
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 37.903, 246.517

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.903, 246.517.

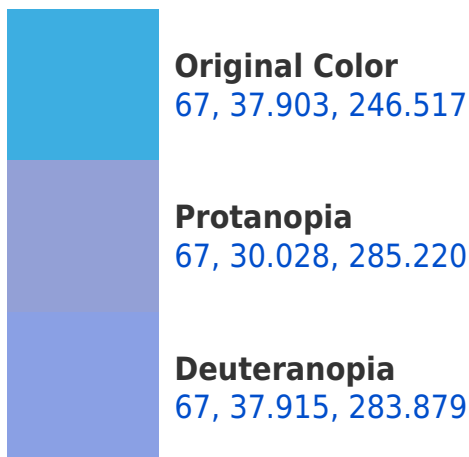


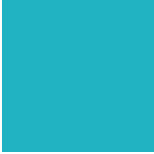
This preview shows how white text looks on a background with the CIELCh color 67, 37.903, 246.517.

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](#).

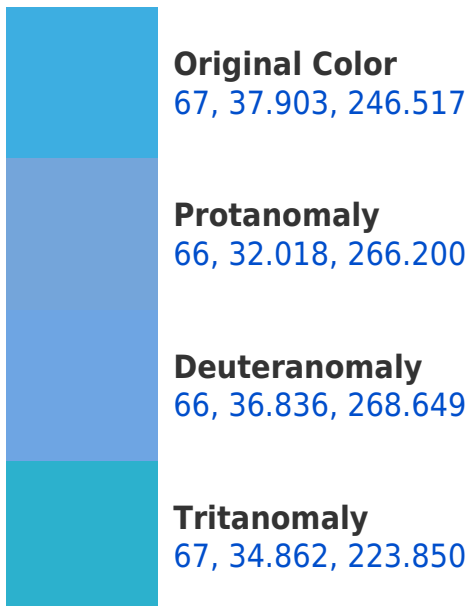
Dichromacy



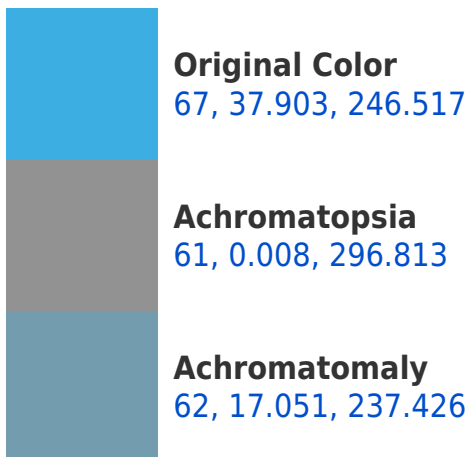


Tritanopia
67, 35.439, 210.504

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.903, 246.517 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(61, 174, 225)` looks like.

```
.text, #text, p{  
    color:rgb(61, 174, 225)  
}
```

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(61, 174, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 174, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.903, 246.517 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(61, 174, 225) }
```

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

```
.border{ border-color:rgb(61, 174, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 174, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 174, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 174, 225);  
box-shadow:4px 4px 4px 4px rgb(61, 174,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.903, 246.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 174, 225) }
```

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

```
.background{ background-color: rgb(61, 174,  
225) }
```

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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