

Converting Colors

CIELCh(67, 40.377, 259.617)

Have a look what the booklet for
CIELCh(67, 40.377, 259.617)
contains.

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Color

CIELCh(67, 40.581, 259.974)

Conversions

Conversions Part 1

Format	Color
Hex	52AAEA
RGB	82, 170, 234
RGB Percent	32%, 67%, 92%
CMY	0.6804, 0.3318, 0.0807
CMYK	0.65, 0.27, 0.00, 0.08
HSL	205°, 79%, 62%
HSV	205°, 65%, 92%
XYZ	32.7953, 36.6320, 83.4995
YIQ	150.9840, -72.9920, 1.2480

Conversions

Conversions Part 2

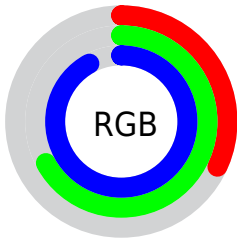
Format	Color
R_{YB}	82, 138, 234
Decimal	5417706
CIE _{Lab}	67.00, -7.06, -39.96
CIE _{LCh}	67, 40.581, 259.974
Yxy	36.6320, 0.2145, 0.2395
Android (android.graphics.Color)	4283607786 (0xFF52AAEA)
YUV	150.9840, 40.9269, -60.4990
Hunter-Lab	60.5244, -9.1967, -39.4296

Details

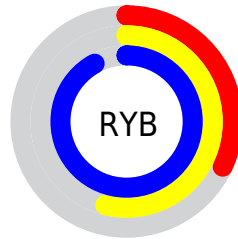
The CIELCh color **67, 40.581, 259.974** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **68, 54.960, 59.430**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 27.947, 232.726**, and **47, 39.767, 262.554** is the 20% darker color. If you saturate the color by 10%, you get **64, 45.737, 263.910**, and if you desaturate by 10%, it is **71, 35.156, 256.626**.

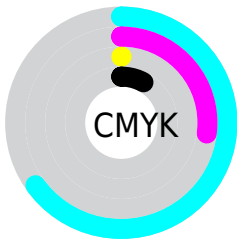
Distribution



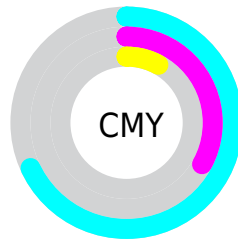
- Red (32%)
- Green (67%)
- Blue (92%)



- Red (32%)
- Yellow (54%)
- Blue (92%)



- Cyan (65%)
- Magenta (27%)
- Yellow (0%)
- Black (8%)





- Cyan (68%)
- Magenta (33%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 40.581, 259.974 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, 40.581, 259.974 by changing the saturation by 10% instead.


 67, 40.581,
259.974


 67, 40.581,
259.974


 100, 40.581,
259.974


 57, 40.581,
259.974


 87, 40.581,
259.974

 47, 40.581,
259.974

 97, 40.581,
259.974

 37, 40.581,
259.974

 27, 40.581,
259.974

 17, 40.581,
259.974

 7, 40.581, 259.974

 0, 40.581, 259.974

67, 40.581,
259.974

67, 40.581,
259.974

64, 45.737,
263.910

71, 35.156,
256.626

60, 50.733,
268.403

74, 29.416,
253.830

57, 55.724,
273.322

78, 23.357,
251.519

56, 58.175,
275.668


82, 17.009,
249.621

86, 10.415,
248.070

91, 3.623, 246.860

95, 3.319, 65.502

98, 7.670, 92.996

 100, 10.418,
109.389

Harmonies

Complementary

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



67, 40.581, 259.974



68, 54.960, 59.430

Rectangle

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



67, 40.581, 259.974



67, 40.581, 309.974



67, 40.581, 79.974



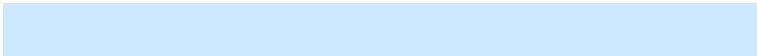
67, 40.581, 129.974

Sweetspot

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



67, 40.580, 259.975



91, 14.544, 248.784



83, 67.667, 151.978



47, 9.882, 249.233



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, 40.580, 259.975



68, 50.419, 265.258



47, 81.999, 298.000



47, 3.915, 247.320



43, 47.265, 274.773



11, 17.926, 265.965

Inverse Universe

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



58, 68.771, 346.506



59, 81.911, 349.016



87, 68.632, 99.842



46, 6.301, 340.210



39, 67.065, 354.473



8, 29.553, 349.299

Previews

White Background



This preview shows how the CIE LCh color 67, 40.581, 259.974 looks on a white background.

Color Contrast Check

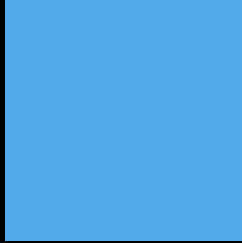
Large Text (above 18pt) WCAG AA × Fail

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 67, 40.581, 259.974 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

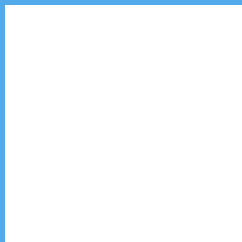
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 40.581, 259.974

Background



This preview shows how black text looks on a background with the CIELCh color 67, 40.581, 259.974.

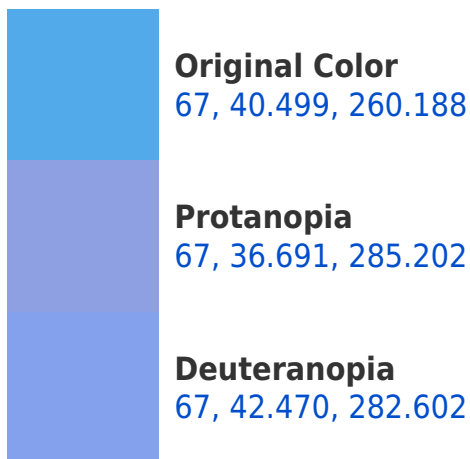



This preview shows how white text looks on a background with the CIELCh color 67, 40.581, 259.974.

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](#).

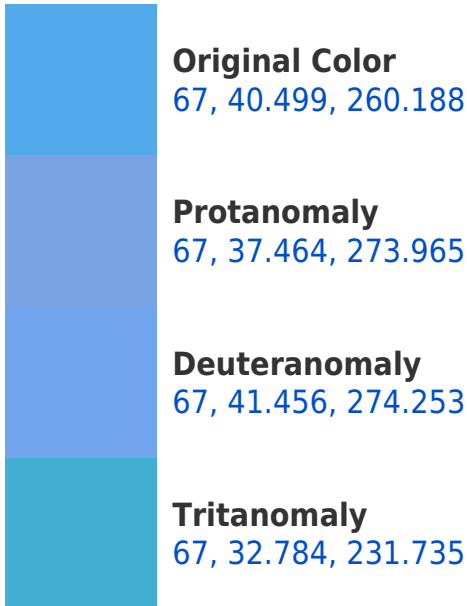
Dichromacy



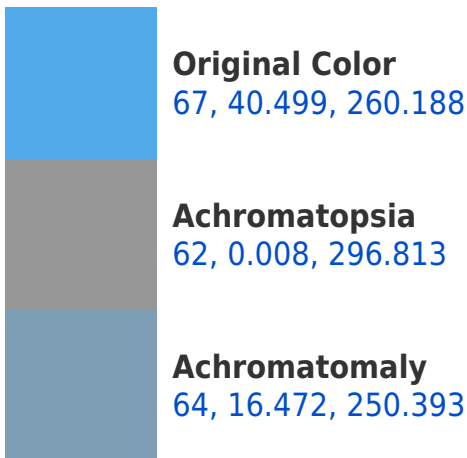


Tritanopia
67, 32.693, 211.874

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 40.581, 259.974 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(82, 170, 234)` looks like.

```
.text, #text, p{  
    color:rgb(82, 170, 234)  
}
```

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(82, 170, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 170, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 40.581, 259.974 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(82, 170, 234) }
```

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

```
.border{ border-color:rgb(82, 170, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 170, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 170, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 170, 234);  
box-shadow:4px 4px 4px 4px rgb(82, 170,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 40.581, 259.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 170, 234) }
```

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

```
.background{ background-color: rgb(82, 170,  
234) }
```

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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