

Converting Colors

CIELCh(67, 50.453, 265.963)

Have a look what the booklet for
CIELCh(67, 50.453, 265.963)
contains.

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Color

CIELCh(67, 50.193, 265.651)

Conversions

Conversions Part 1

Format	Color
Hex	39AAFD
RGB	57, 170, 253
RGB Percent	22%, 67%, 99%
CMY	0.7775, 0.3340, 0.0085
CMYK	0.78, 0.33, 0.00, 0.01
HSL	205°, 98%, 61%
HSV	205°, 78%, 99%
XYZ	33.7181, 36.6320, 98.0770
YIQ	145.6750, -93.9910, 1.8570

Conversions

Conversions Part 2

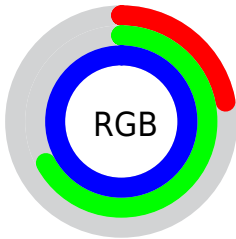
Format	Color
R _Y B	57, 129, 253
Decimal	3779325
CIE Lab	67.00, -3.81, -50.05
CIE LCh	67, 50.193, 265.651
Yxy	36.6320, 0.2002, 0.2175
Android (android.graphics.Color)	4281969405 (0xFF39AAFD)
YUV	145.6750, 52.9112, -77.7680
Hunter-Lab	60.5244, -6.4753, -53.7097

Details

The CIELCh color **67, 50.193, 265.651** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **69, 70.979, 58.426**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.727, 229.074**, and **48, 48.292, 272.288** is the 20% darker color. If you saturate the color by 10%, you get **64, 55.581, 270.289**, and if you desaturate by 10%, it is **71, 44.684, 261.546**.

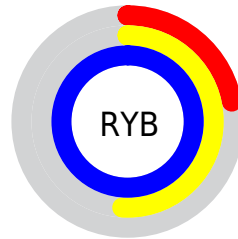
Distribution



Red (22%)

Green (67%)

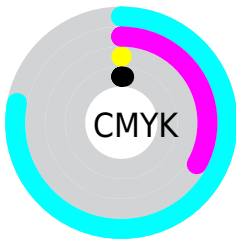
Blue (99%)



Red (22%)

Yellow (51%)

Blue (99%)

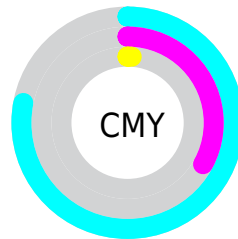


Cyan (78%)

Magenta (33%)

Yellow (0%)

Black (1%)



Cyan (78%)


Magenta (33%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 50.193, 265.651 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, 50.193, 265.651 by changing the saturation by 10% instead.


 67, 50.193,
265.651


 67, 50.193,
265.651


 100, 50.193,
265.651


 57, 50.193,
265.651


 87, 50.193,
265.651

 47, 50.193,
265.651

 97, 50.193,
265.651

 37, 50.193,
265.651

 27, 50.193,
265.651

 17, 50.193,
265.651

 7, 50.193, 265.651

 0, 50.193, 265.651

67, 50.193,
265.651

67, 50.193,
265.651

64, 55.581,
270.289

71, 44.684,
261.546

60, 61.028,
275.276

75, 38.929,
258.027

60, 62.402,
276.464

79, 32.857,
255.074

83, 26.453,
252.628

87, 19.739,
250.616

91, 12.759,
248.967

96, 5.562, 247.645

100, 1.091,
110.025

Harmonies

Complementary

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



67, 50.193, 265.651



69, 70.979, 58.426

Rectangle

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



67, 50.193, 265.651



67, 50.193, 315.651



67, 50.193, 85.651



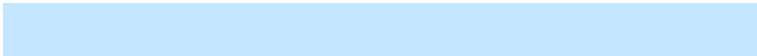
67, 50.193, 135.651

Sweetspot

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



67, 50.192, 265.652



90, 16.702, 249.824



88, 82.260, 149.667



46, 11.498, 250.447



0, 0.000, 0.000



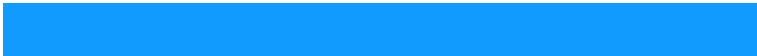
53, 0.007, 296.813

Same Dimension

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



67, 50.192, 265.652



62, 58.927, 273.000



42, 105.116, 301.191



51, 4.202, 247.874



46, 49.851, 275.560



14, 20.698, 268.477

Inverse Universe

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



59, 80.968, 349.222



56, 86.014, 353.339



92, 82.627, 98.729



50, 6.727, 340.437



42, 69.690, 355.014



11, 32.796, 350.629

Previews

White Background



This preview shows how the CIELCh color 67, 50.193, 265.651 looks on a white background.

Color Contrast Check

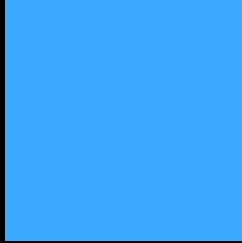
Large Text (above 18pt) WCAG AA × Fail

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, 50.193, 265.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

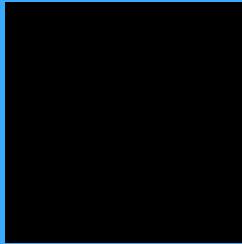
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

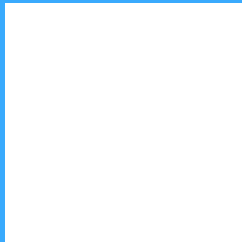
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 50.193, 265.651

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.193, 265.651.

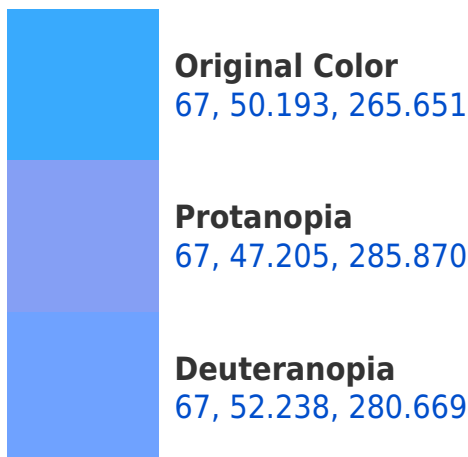


This preview shows how white text looks on a background with the CIELCh color 67, 50.193, 265.651.

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, 37.239, 208.804

Trichromacy



Original Color
67, 50.193, 265.651

Protanomaly
66, 47.934, 276.458

Deuteranomaly
67, 51.183, 274.454

Tritanomaly
67, 37.795, 232.548

Monochromacy



Original Color
67, 50.193, 265.651

Achromatopsia
60, 0.008, 296.813

Achromatomaly
62, 20.972, 252.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.193, 265.651 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(57, 170, 253)` looks like.

```
.text, #text, p{  
    color:rgb(57, 170, 253)  
}
```

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(57, 170, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 170, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.193, 265.651 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(57, 170, 253) }
```

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

```
.border{ border-color:rgb(57, 170, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 170, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 170, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 170, 253);  
box-shadow:4px 4px 4px 4px rgb(57, 170,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.193, 265.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 170, 253) }
```

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

```
.background{ background-color: rgb(57, 170,  
253) }
```

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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