

Converting Colors

CIELCh(67, 50.885, 266.507)

Have a look what the booklet for
CIELCh(67, 50.885, 266.507)
contains.

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Color

CIELCh(67, 50.633, 266.085)

Conversions

Conversions Part 1

Format	Color
Hex	39AAFE
RGB	57, 170, 254
RGB Percent	22%, 67%, 100%
CMY	0.7784, 0.3345, 0.0052
CMYK	0.78, 0.33, 0.00, 0.01
HSL	206°, 99%, 61%
HSV	206°, 78%, 99%
XYZ	33.8180, 36.6320, 98.7892
YIQ	145.7890, -94.3120, 2.1680

Conversions

Conversions Part 2

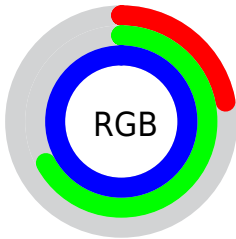
Format	Color
R _Y B	57, 129, 254
Decimal	3779326
CIE Lab	67.00, -3.46, -50.51
CIE LCh	67, 50.633, 266.085
Yxy	36.6320, 0.1998, 0.2165
Android (android.graphics.Color)	4281969406 (0xFF39AAFE)
YUV	145.7890, 53.3480, -77.8680
Hunter-Lab	60.5244, -6.1807, -54.4074

Details

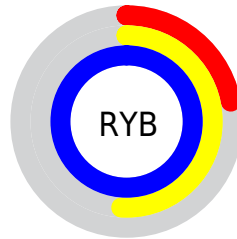
The CIELCh color **67, 50.633, 266.085** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **70, 71.288, 58.630**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.727, 229.074**, and **48, 48.791, 272.729** is the 20% darker color. If you saturate the color by 10%, you get **64, 56.092, 270.727**, and if you desaturate by 10%, it is **71, 45.063, 261.969**.

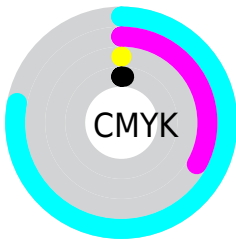
Distribution



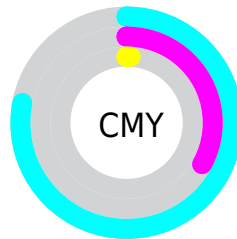
- Red (22%)
- Green (67%)
- Blue (100%)



- Red (22%)
- Yellow (51%)
- Blue (100%)



- 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, 50.633, 266.085 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, 50.633, 266.085 by changing the saturation by 10% instead.

 67, 50.633,
266.085


 67, 50.633,
266.085


 100, 50.633,
266.085

 57, 50.633,
266.085


 87, 50.633,
266.085

 47, 50.633,
266.085

 97, 50.633,
266.085

 37, 50.633,
266.085

 27, 50.633,
266.085

 17, 50.633,
266.085

 7, 50.633, 266.085

 0, 50.633, 266.085

67, 50.633,
266.085

67, 50.633,
266.085

64, 56.092,
270.727

71, 45.063,
261.969

60, 61.622,
275.707

75, 39.255,
258.436

60, 62.922,
276.810

79, 33.138,
255.468

83, 26.694,
253.007

87, 19.946,
250.981

92, 12.933,
249.319

96, 5.706, 247.985

100, 0.656,
110.011

Harmonies

Complementary

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



67, 50.633, 266.085



70, 71.288, 58.630

Rectangle

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



67, 50.633, 266.085



67, 50.633, 316.085



67, 50.633, 86.085



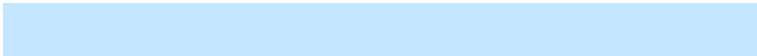
67, 50.633, 136.085

Sweetspot

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



67, 50.632, 266.086



90, 16.732, 250.155



89, 82.611, 149.631



46, 11.520, 250.780



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, 50.632, 266.086



62, 59.233, 273.345



42, 105.638, 301.235



51, 4.208, 248.196



45, 50.124, 275.900



14, 20.794, 268.831

Inverse Universe

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



59, 81.160, 349.448



56, 85.919, 353.562



93, 82.957, 98.714



50, 6.714, 340.568



42, 69.619, 355.252



11, 32.757, 350.825

Previews

White Background



This preview shows how the CIE LCh color 67, 50.633, 266.085 looks on a white background.

Color Contrast Check

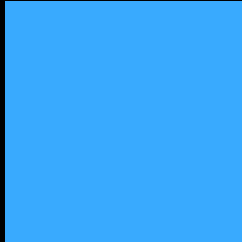
Large Text (above 18pt) WCAG AA × Fail

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, 50.633, 266.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

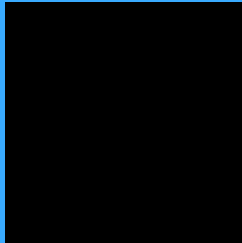
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

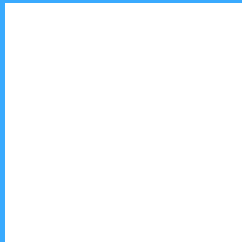
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 50.633, 266.085

Background



This preview shows how black text looks on a background with the CIELCh color 67, 50.633, 266.085.



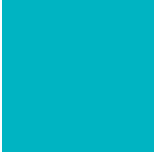
This preview shows how white text looks on a background with the CIELCh color 67, 50.633, 266.085.

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, 50.633, 266.085

Protanomaly
67, 48.438, 276.767

Deuteranomaly
67, 51.674, 274.779

Tritanomaly
67, 37.982, 233.404

Monochromacy



Original Color
67, 50.633, 266.085

Achromatopsia
60, 0.008, 296.813

Achromatomaly
62, 21.379, 253.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 50.633, 266.085 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(57, 170, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 170, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 50.633, 266.085 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, 254) }
```

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

```
.border{ border-color:rgb(57, 170, 254) }
```

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, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 170, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 170, 254);  
box-shadow:4px 4px 4px 4px rgb(57, 170,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 50.633, 266.085 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, 254) }
```

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

```
.background{ background-color: rgb(57, 170,  
254) }
```

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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