

Converting Colors

CIELCh(67, 52.003, 267.445)

Have a look what the booklet for
CIELCh(67, 52.003, 267.445)
contains.

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Color

CIELCh(67, 51.532, 267.061)

Conversions

Conversions Part 1

Format	Color
Hex	39A9FF
RGB	57, 169, 255
RGB Percent	22%, 66%, 100%
CMY	0.7776, 0.3357, 0.0000
CMYK	0.78, 0.34, 0.00, 0.00
HSL	206°, 100%, 61%
HSV	206°, 78%, 100%
XYZ	34.0519, 36.6320, 100.2495
YIQ	145.3160, -94.3580, 3.0020

Conversions

Conversions Part 2

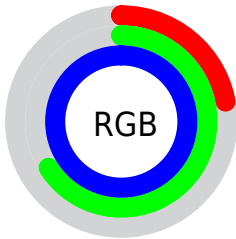
Format	Color
R _Y B	57, 129, 255
Decimal	3779071
CIE Lab	67.00, -2.64, -51.46
CIE LCh	67, 51.532, 267.061
Yxy	36.6320, 0.1992, 0.2143
Android (android.graphics.Color)	4281969151 (0xFF39A9FF)
YUV	145.3160, 54.0742, -77.4531
Hunter-Lab	60.5244, -5.4910, -55.8379

Details

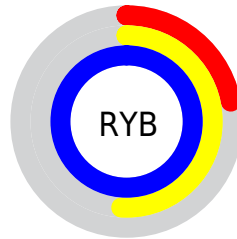
The CIELCh color **67, 51.532, 267.061** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **70, 71.512, 59.126**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 30.722, 230.295**, and **48, 49.802, 273.843** is the 20% darker color. If you saturate the color by 10%, you get **63, 56.948, 271.514**, and if you desaturate by 10%, it is **71, 45.635, 262.761**.

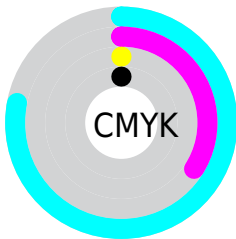
Distribution



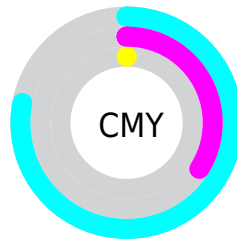
- Red (22%)
- Green (66%)
- Blue (100%)



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



- Cyan (78%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 51.532, 267.061 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, 51.532, 267.061 by changing the saturation by 10% instead.

■ 67, 51.532,
267.061

■ 67, 51.532,
267.061

■ 100, 51.532,
267.061

■ 57, 51.532,
267.061

■ 87, 51.532,
267.061

■ 47, 51.532,
267.061

■ 97, 51.532,
267.061

■ 37, 51.532,
267.061

■ 27, 51.532,
267.061

■ 17, 51.532,
267.061

■ 7, 51.532, 267.061

■ 0, 51.532, 267.061

67, 51.532,
267.061

67, 51.532,
267.061

63, 56.948,
271.514

71, 45.635,
262.761

60, 62.644,
276.473

75, 39.711,
259.218

59, 63.965,
277.555

79, 33.493,
256.237

83, 26.962,
253.761

87, 20.137,
251.719

92, 13.057,
250.042

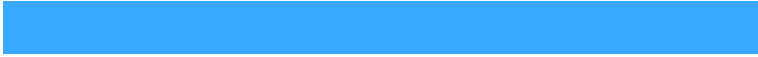
96, 5.770, 248.691

100, 0.012,
296.813

Harmonies

Complementary

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



67, 51.532, 267.061



70, 71.512, 59.126

Rectangle

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



67, 51.532, 267.061



67, 51.532, 317.061



67, 51.532, 87.061



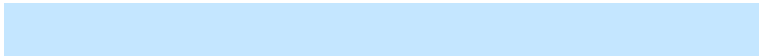
67, 51.532, 137.061

Sweetspot

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



67, 51.337, 266.881



90, 16.799, 250.880



89, 82.975, 149.621



46, 11.569, 251.510



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, 51.337, 266.881



62, 59.912, 274.095



43, 106.124, 301.248



51, 4.222, 248.902



45, 50.732, 276.636



13, 21.008, 269.600

Inverse Universe

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



59, 81.274, 349.870



56, 85.715, 354.054



93, 83.316, 98.710



50, 6.687, 340.858



42, 69.469, 355.778



11, 32.674, 351.259

Previews

White Background



This preview shows how the CIE LCh color 67, 51.532, 267.061 looks on a white background.

Color Contrast Check

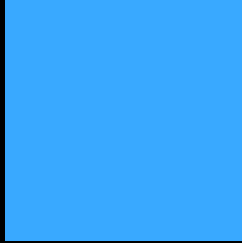
Large Text (above 18pt) WCAG AA × Fail

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, 51.532, 267.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

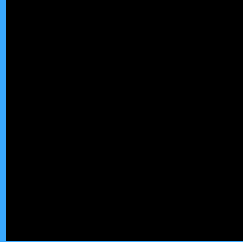
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

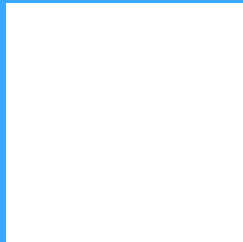
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.532, 267.061

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.532, 267.061.

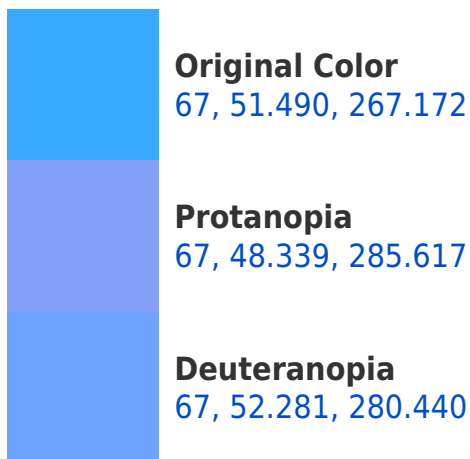


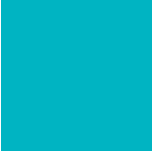
This preview shows how white text looks on a background with the CIELCh color 67, 51.532, 267.061.

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, 51.490, 267.172

Protanomaly
67, 48.995, 276.836

Deuteranomaly
67, 51.674, 274.779

Tritanomaly
67, 37.982, 233.404

Monochromacy



Original Color
67, 51.490, 267.172

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, 51.532, 267.061 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, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(57, 169, 255)  
}
```

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, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 169, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.532, 267.061 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, 169, 255) }
```

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

```
.border{ border-color:rgb(57, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(57, 169,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.532, 267.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 169, 255) }
```

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

```
.background{ background-color: rgb(57, 169,  
255) }
```

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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