

Converting Colors

CIELCh(67, 55.438, 294.433)

Have a look what the booklet for
CIELCh(67, 55.438, 294.433)
contains.

CIELCh(67, 55.179, 294.362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 55.179, 294.362)

Conversions

Conversions Part 1	
Format	Color
Hex	969AFE
RGB	150, 154, 254
RGB Percent	59%, 60%, 100%
CMY	0.4127, 0.3970, 0.0049
CMYK	0.41, 0.39, 0.00, 0.00
HSL	238°, 98%, 79%
HSV	238°, 41%, 100%
XYZ	41.8949, 36.6320, 98.4083
YIQ	164.2040, -34.4840, 30.2520

Conversions

Conversions Part 2

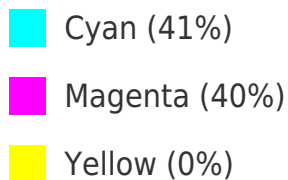
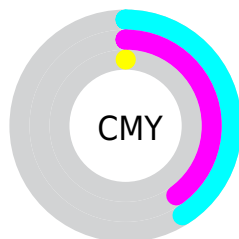
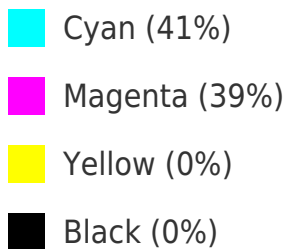
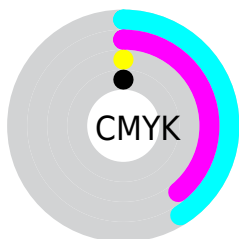
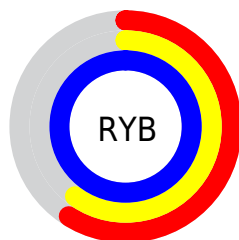
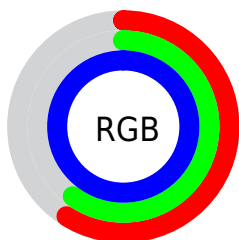
Format	Color
RYB	150, 154, 254
Decimal	9870078
CIELab	67.00, 22.76, -50.27
CIELCh	67, 55.179, 294.362
Yxy	36.6320, 0.2368, 0.2070
Android (android.graphics.Color)	4288060158 (0xFF969AFE)
YUV	164.2040, 44.2694, -12.4569
Hunter-Lab	60.5244, 17.6398, -54.0343

Details

The CIELCh color **67, 55.179, 294.362** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 49.915, 104.461**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 24.770, 292.255**, and **47, 55.397, 294.340** is the 20% darker color. If you saturate the color by 10%, you get **59, 70.094, 296.402**, and if you desaturate by 10%, it is **75, 40.842, 292.590**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 55.179, 294.362 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, 55.179, 294.362 by changing the saturation by 10% instead.


 67, 55.179,
294.362


 67, 55.179,
294.362


 100, 55.179,
294.362


 57, 55.179,
294.362


 87, 55.179,
294.362

 47, 55.179,
294.362

 97, 55.179,
294.362


 37, 55.179,
294.362


 27, 55.179,
294.362


 17, 55.179,
294.362


 7, 55.179, 294.362


 0, 55.179, 294.362

 67, 55.179,
294.362


 67, 55.179,
294.362


 59, 70.094,
296.402


 75, 40.842,
292.590

 52, 85.447,
298.671


 83, 27.097,
291.075

 45, 100.765,
301.047


 91, 13.907,
289.791

 39, 114.930,
303.288

 99, 1.231, 288.770

 35, 126.026,
305.055

100, 0.628,
110.008

 33, 131.806,
305.975

Harmonies

Complementary

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



67, 55.179, 294.362



97, 49.915, 104.461

Rectangle

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



67, 55.179, 294.362



67, 55.179, 344.362



67, 55.179, 114.362



67, 55.179, 164.362

Sweetspot

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



67, 55.178, 294.362



90, 15.286, 289.912



93, 32.193, 192.590



47, 10.165, 290.071



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, 55.178, 294.362



61, 67.366, 295.980



70, 58.823, 309.556



49, 7.208, 289.620



23, 106.052, 305.843



4, 42.902, 301.112

Inverse Universe

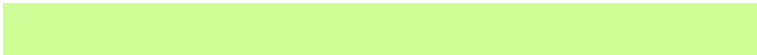
The Inverse Universe completely reimagines the original color for something new.



73, 42.104, 20.687



69, 51.665, 22.254



94, 54.992, 125.307



49, 5.255, 16.819



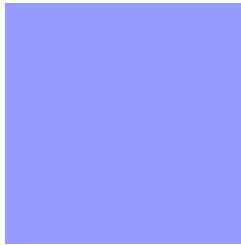
40, 82.563, 38.519



10, 33.053, 25.631

Previews

White Background



This preview shows how the CIELCh color 67, 55.179, 294.362 looks on a white background.

Color Contrast Check

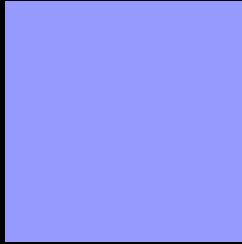
Large Text (above 18pt) WCAG AA × Fail

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, 55.179, 294.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

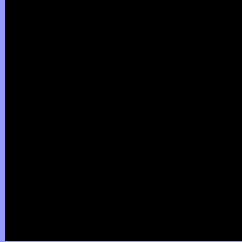
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 55.179, 294.362

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.179, 294.362.



This preview shows how white text looks on a background with the CIELCh color 67, 55.179, 294.362.

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



Original Color

67, 55.179, 294.362

Protanopia

67, 52.706, 285.611

Deuteranopia

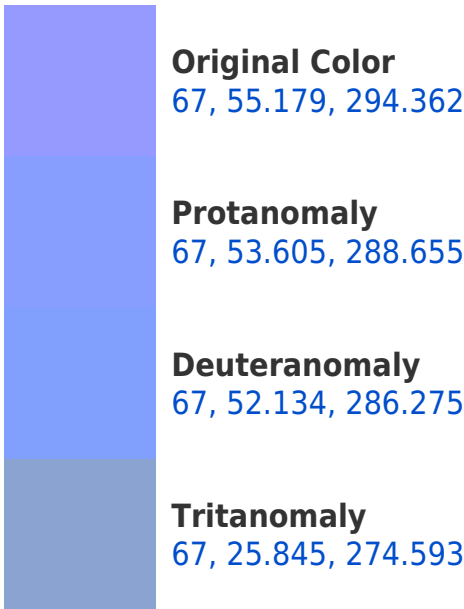
67, 50.425, 281.396



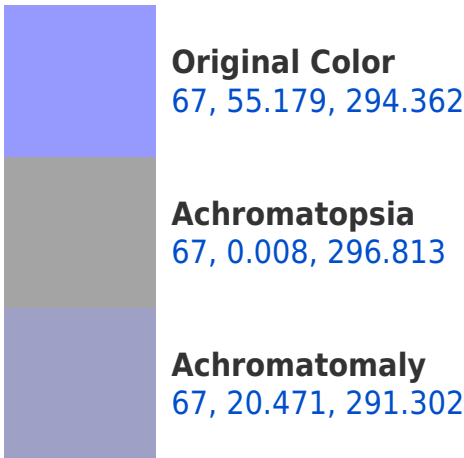
Tritanopia

67, 14.360, 228.698

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 67, 55.179, 294.362 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(150, 154, 254)` looks like.

```
.text, #text, p{  
    color:rgb(150, 154, 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(150, 154, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 154, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.179, 294.362 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(150, 154, 254) }
```

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

```
.border{ border-color:rgb(150, 154, 254) }
```

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

Here you see how a box with a 4 pixel rgb(150, 154, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 154, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 154, 254);  
box-shadow:4px 4px 4px 4px rgb(150, 154,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.179, 294.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 154, 254) }
```

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

```
.background{ background-color: rgb(150,  
154, 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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