

Converting Colors

CIELCh(67, 58.109, 288.353)

Have a look what the booklet for
CIELCh(67, 58.109, 288.353)
contains.

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Color

CIELCh(67, 54.322, 287.529)

Conversions

Conversions Part 1

Format	Color
Hex	829EFF
RGB	130, 158, 255
RGB Percent	51%, 62%, 100%
CMY	0.4886, 0.3794, 0.0000
CMYK	0.49, 0.38, 0.00, 0.00
HSL	227°, 100%, 76%
HSV	227°, 49%, 100%
XYZ	39.8163, 36.6320, 100.7687
YIQ	160.6860, -47.8250, 24.2310

Conversions

Conversions Part 2

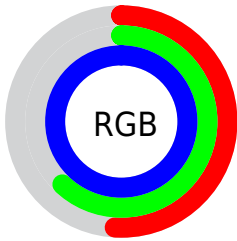
Format	Color
RYB	130, 153, 255
Decimal	8560383
CIELab	67.00, 16.36, -51.80
CIElCh	67, 54.322, 287.529
Yxy	36.6320, 0.2247, 0.2067
Android (android.graphics.Color)	4286750463 (0xFF829EFF)
YUV	160.6860, 46.4968, -26.9116
Hunter-Lab	60.5244, 11.5095, -56.3465

Details

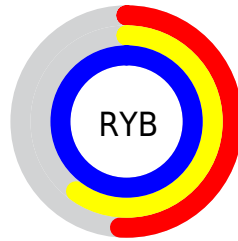
The CIELCh color **67, 54.322, 287.529** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **91, 50.481, 92.922**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 23.670, 273.124**, and **47, 53.947, 287.433** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.606, 289.909**, and if you desaturate by 10%, it is **74, 41.942, 285.057**.

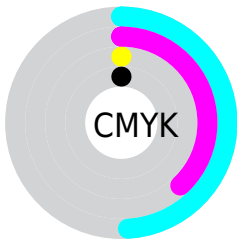
Distribution



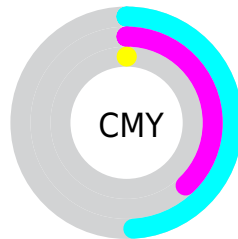
- Red (51%)
- Green (62%)
- Blue (100%)



- Red (51%)
- Yellow (60%)
- Blue (100%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 54.322, 287.529 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, 54.322, 287.529 by changing the saturation by 10% instead.

■ 67, 54.322,
287.529

■ 67, 54.322,
287.529

■ 100, 54.322,
287.529

■ 57, 54.322,
287.529

■ 87, 54.322,
287.529

■ 47, 54.322,
287.529

■ 97, 54.322,
287.529

■ 37, 54.322,
287.529

■ 27, 54.322,
287.529

■ 17, 54.322,
287.529

■ 7, 54.322, 287.529

■ 0, 54.322, 287.529

■ 67, 54.322,
287.529

■ 67, 54.322,
287.529

■ 60, 65.606,
289.909

■ 74, 41.942,
285.057

■ 54, 78.038,
292.809

■ 80, 30.689,
283.117

■ 48, 90.728,
295.918

■ 87, 19.773,
281.461

■ 43, 103.255,
299.041

■ 94, 9.168, 280.055

■ 39, 114.778,
301.885

100, 0.012,
296.813

■ 38, 115.986,
302.166

Harmonies

Complementary

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



67, 54.322, 287.529



91, 50.481, 92.922

Rectangle

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



67, 54.322, 287.529



67, 54.322, 337.529



67, 54.322, 107.529



67, 54.322, 157.529

Sweetspot

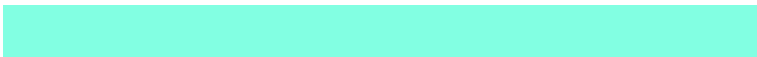
The Sweet Spot groups the original color and five complimentary colors.



67, 53.571, 287.316



90, 15.644, 280.890



92, 41.798, 175.642



46, 10.704, 281.198



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, 53.571, 287.316



60, 65.778, 289.948



63, 70.218, 304.572



50, 5.888, 280.139



28, 91.985, 301.692



6, 36.746, 296.860

Inverse Universe

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



69, 50.546, 8.278



64, 61.063, 10.800



95, 62.656, 117.609



50, 5.477, 2.314



40, 73.812, 27.776



10, 31.847, 17.499

Previews

White Background



This preview shows how the CIELCh color 67, 54.322, 287.529 looks on a white background.

Color Contrast Check

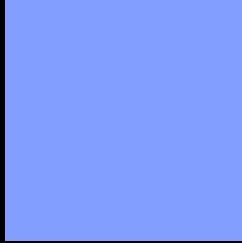
Large Text (above 18pt) WCAG AA × Fail

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, 54.322, 287.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

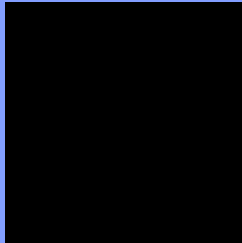
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 54.322, 287.529

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.322, 287.529.



This preview shows how white text looks on a background with the CIELCh color 67, 54.322, 287.529.

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, 53.732, 287.332

Protanopia

67, 53.260, 286.090

Deuteranopia

67, 51.635, 280.893



Tritanopia
67, 21.519, 217.526

Trichromacy



Original Color
67, 53.732, 287.332

Protanomaly
67, 53.229, 286.348

Deuteranomaly
67, 51.918, 282.881

Tritanomaly
67, 27.690, 258.474

Monochromacy



Original Color
67, 53.732, 287.332

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 19.596, 282.151

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.322, 287.529 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(130, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 158, 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(130, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 158, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.322, 287.529 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(130, 158, 255) }
```

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

```
.border{ border-color:rgb(130, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 158,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.322, 287.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 158, 255) }
```

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

```
.background{ background-color: rgb(130,  
158, 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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