

Converting Colors

CIELCh(67, 51.177, 275.684)

Have a look what the booklet for
CIELCh(67, 51.177, 275.684)
contains.

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Color

CIELCh(67, 51.426, 275.750)

Conversions

Conversions Part 1

Format	Color
Hex	60A5FF
RGB	96, 165, 255
RGB Percent	38%, 65%, 100%
CMY	0.6234, 0.3528, 0.0000
CMYK	0.62, 0.35, 0.00, 0.00
HSL	214°, 100%, 69%
HSV	214°, 62%, 100%
XYZ	36.3436, 36.6320, 99.7911
YIQ	154.6290, -70.0140, 13.3620

Conversions

Conversions Part 2

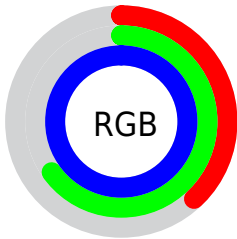
Format	Color
R _Y B	96, 144, 255
Decimal	6333951
CIE Lab	67.00, 5.15, -51.17
CIE LCh	67, 51.426, 275.750
Yxy	36.6320, 0.2104, 0.2120
Android (android.graphics.Color)	4284524031 (0xFF60A5FF)
YUV	154.6290, 49.4829, -51.4176
Hunter-Lab	60.5244, 1.2680, -55.3889

Details

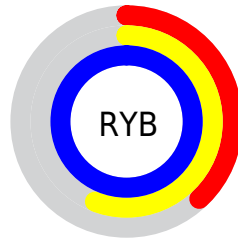
The CIELCh color **67, 51.426, 275.750** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **80, 56.750, 73.659**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 25.800, 244.415**, and **47, 51.372, 275.820** is the 20% darker color. If you saturate the color by 10%, you get **62, 59.748, 279.349**, and if you desaturate by 10%, it is **72, 43.153, 272.577**.

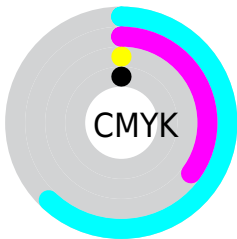
Distribution



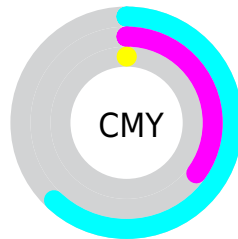
- Red (38%)
- Green (65%)
- Blue (100%)



- Red (38%)
- Yellow (56%)
- Blue (100%)



- Cyan (62%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (62%)
- Magenta (35%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 51.426, 275.750 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, 51.426, 275.750 by changing the saturation by 10% instead.


 67, 51.426,
275.750


 67, 51.426,
275.750


 100, 51.426,
275.750


 57, 51.426,
275.750


 87, 51.426,
275.750

 47, 51.426,
275.750

 97, 51.426,
275.750

 37, 51.426,
275.750

 27, 51.426,
275.750

 17, 51.426,
275.750

 7, 51.426, 275.750

 0, 51.426, 275.750

67, 51.426,
275.750

67, 51.426,
275.750

62, 59.748,
279.349

72, 43.153,
272.577

57, 68.255,
283.340

77, 34.924,
269.859

53, 76.989,
287.562

83, 26.688,
267.550

50, 83.844,
290.755

88, 18.437,
265.598

93, 10.181,
263.955

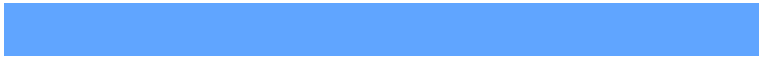
99, 1.932, 262.704

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.



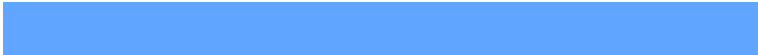
67, 51.426, 275.750



80, 56.750, 73.659

Rectangle

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



67, 51.426, 275.750



67, 51.426, 325.750



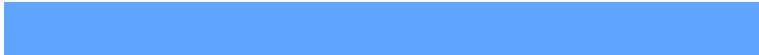
67, 51.426, 95.750



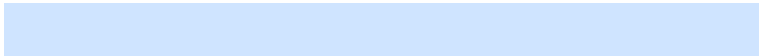
67, 51.426, 145.750

Sweetspot

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



67, 51.408, 275.740



90, 15.684, 265.017



91, 61.828, 159.067



46, 10.794, 265.513



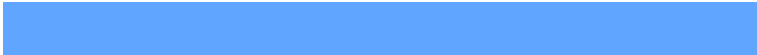
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 51.408, 275.740



61, 61.996, 280.380



50, 91.451, 301.209



50, 4.692, 263.544



38, 66.304, 289.996



10, 26.716, 283.987

Inverse Universe

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



64, 66.453, 355.801



59, 75.871, 359.153



97, 75.667, 106.877



50, 6.115, 348.169



41, 68.040, 8.496



10, 31.407, 1.919

Previews

White Background



This preview shows how the CIELCh color 67, 51.426, 275.750 looks on a white background.

Color Contrast Check

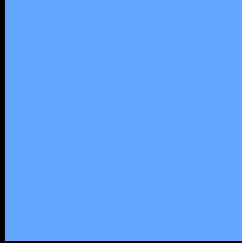
Large Text (above 18pt) WCAG AA × Fail

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, 51.426, 275.750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

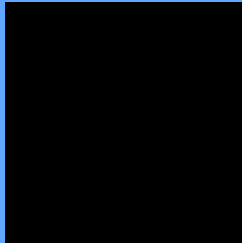
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

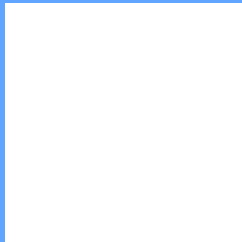
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 51.426, 275.750

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.426, 275.750.



This preview shows how white text looks on a background with the CIELCh color 67, 51.426, 275.750.

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, 31.679, 211.367

Trichromacy



Original Color
67, 51.426, 275.750

Protanomaly
67, 50.952, 281.937

Deuteranomaly
67, 51.943, 278.997

Tritanomaly
67, 33.530, 242.227

Monochromacy



Original Color
67, 51.426, 275.750

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 19.380, 266.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.426, 275.750 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(96, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(96, 165, 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(96, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 165, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.426, 275.750 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(96, 165, 255) }
```

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

```
.border{ border-color:rgb(96, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(96, 165,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.426, 275.750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 165, 255) }
```

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

```
.background{ background-color: rgb(96, 165,  
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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