

Converting Colors

CIELCh(60, 69.535, 296.663)

Have a look what the booklet for
CIELCh(60, 69.535, 296.663)
contains.

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Color

CIELCh(60, 69.747, 296.707)

Conversions

Conversions Part 1

Format	Color
Hex	8083FF
RGB	128, 131, 255
RGB Percent	50%, 51%, 100%
CMY	0.4972, 0.4855, 0.0000
CMYK	0.50, 0.49, 0.00, 0.00
HSL	239°, 100%, 75%
HSV	239°, 50%, 100%
XYZ	35.1614, 28.1233, 98.3647
YIQ	144.2390, -41.5920, 37.9280

Conversions

Conversions Part 2

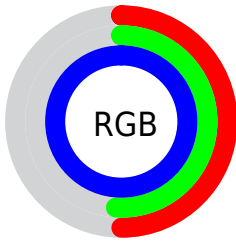
Format	Color
RYB	128, 131, 255
Decimal	8422399
CIELab	60.00, 31.35, -62.31
CIElCh	60, 69.747, 296.707
Yxy	28.1233, 0.2175, 0.1740
Android (android.graphics.Color)	4286612479 (0xFF8083FF)
YUV	144.2390, 54.6052, -14.2416
Hunter-Lab	53.0314, 25.5459, -72.8514

Details

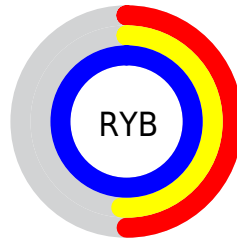
The CIELCh color **60, 69.747, 296.707** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 60.882, 104.346**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 38.194, 294.988**, and **40, 69.353, 296.600** is the 20% darker color. If you saturate the color by 10%, you get **52, 85.252, 298.910**, and if you desaturate by 10%, it is **68, 54.459, 294.711**.

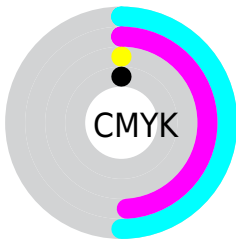
Distribution



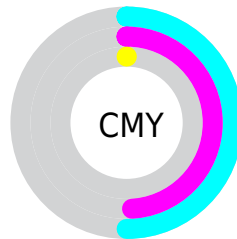
- Red (50%)
- Green (51%)
- Blue (100%)



- Red (50%)
- Yellow (51%)
- Blue (100%)



- Cyan (50%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)





- Cyan (50%)
- Magenta (49%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 69.747, 296.707 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 60, 69.747, 296.707 by changing the saturation by 10% instead.


 60, 69.747,
296.707


 60, 69.747,
296.707


 100, 69.747,
296.707


 50, 69.747,
296.707


 80, 69.747,
296.707

 40, 69.747,
296.707

 90, 69.747,
296.707

 30, 69.747,
296.707

 20, 69.747,
296.707

 10, 69.747,
296.707

 0, 69.747, 296.707

 60, 69.747,

 60, 69.747,

296.707

296.707

■ 52, 85.252,
298.910

■ 68, 54.459,
294.711

■ 45, 100.848,
301.233

■ 76, 39.886,
292.987

■ 39, 115.278,
303.425

■ 84, 25.918,
291.516

■ 35, 126.566,
305.142

■ 92, 12.521,
290.271

■ 33, 132.781,
306.083

100, 0.012,
296.813

■ 33, 132.900,
306.099

Harmonies

Complementary

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



60, 69.747, 296.707



97, 60.882, 104.346

Rectangle

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



60, 69.747, 296.707



60, 69.747, 346.707



60, 69.747, 116.707



60, 69.747, 166.707

Sweetspot

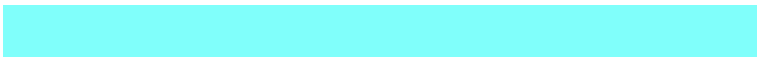
The Sweet Spot groups the original color and five complimentary colors.



60, 69.629, 296.697



88, 19.532, 290.902



93, 37.300, 193.728



45, 13.382, 291.171



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 69.629, 296.697



52, 85.699, 298.976



64, 72.205, 310.600



49, 7.324, 290.247



23, 106.726, 306.017



4, 43.386, 301.374

Inverse Universe

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



68, 52.751, 23.515



63, 65.103, 26.063



94, 66.588, 125.546



49, 5.253, 18.051



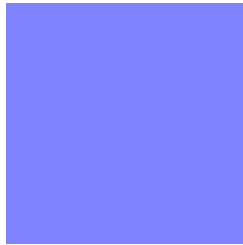
40, 83.187, 39.088



10, 33.174, 26.244

Previews

White Background



This preview shows how the CIELCh color 60, 69.747, 296.707 looks on a white background.

Color Contrast Check

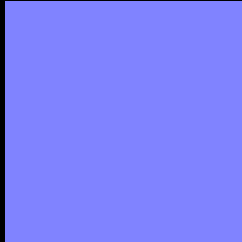
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 69.747, 296.707 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 × Fail

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

CIELCh 60, 69.747, 296.707

Background



This preview shows how black text looks on a background with the CIELCh color 60, 69.747, 296.707.

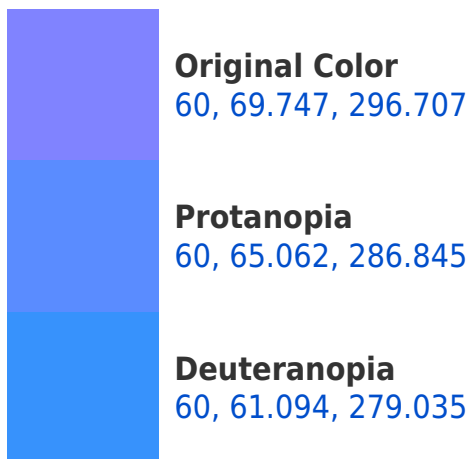



This preview shows how white text looks on a background with the CIELCh color 60, 69.747, 296.707.

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
60, 18.240, 221.984

Trichromacy



Original Color
60, 69.747, 296.707

Protanomaly
60, 66.494, 290.284

Deuteranomaly
60, 63.634, 284.872

Tritanomaly
59, 31.694, 275.042

Monochromacy



Original Color
60, 69.747, 296.707

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 25.508, 292.256

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 69.747, 296.707 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(128, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(128, 131, 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(128, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 131, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 69.747, 296.707 is called "border". The border property can be set on classes, ids or directly on the HTML element.

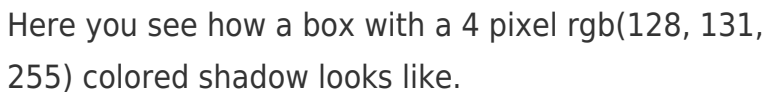
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 131, 255) }
```

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

```
.border{ border-color:rgb(128, 131, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 131, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 131, 255); box-shadow:4px 4px 4px 4px rgb(128, 131, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 69.747, 296.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 131, 255) }
```

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

```
.background{ background-color: rgb(128,  
131, 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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