

Converting Colors

CIELCh(69, 113.096, 301.500)

Have a look what the booklet for
CIELCh(69, 113.096, 301.500)
contains.

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Color

CIELCh(63, 66.037, 300.511)

Conversions

Conversions Part 1

Format	Color
Hex	9888FE
RGB	152, 136, 254
RGB Percent	60%, 53%, 100%
CMY	0.4028, 0.4652, 0.0028
CMYK	0.40, 0.46, 0.00, 0.00
HSL	248°, 99%, 77%
HSV	248°, 46%, 100%
XYZ	39.7922, 31.5869, 97.9977
YIQ	154.2360, -28.3420, 40.0900

Conversions

Conversions Part 2

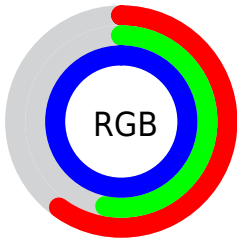
Format	Color
RYB	152, 136, 254
Decimal	9996542
CIELab	63.00, 33.53, -56.89
CIELCh	63, 66.037, 300.511
Yxy	31.5869, 0.2349, 0.1865
Android (android.graphics.Color)	4288186622 (0xFF9888FE)
YUV	154.2360, 49.1837, -1.9610
Hunter-Lab	56.2022, 28.0273, -64.0402

Details

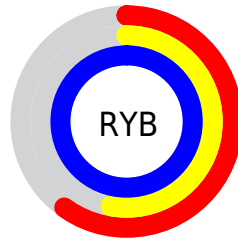
The CIELCh color **63, 66.037, 300.511** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **96, 58.501, 111.952**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 35.391, 303.771**, and **43, 66.297, 300.583** is the 20% darker color. If you saturate the color by 10%, you get **55, 81.634, 302.012**, and if you desaturate by 10%, it is **71, 50.803, 299.144**.

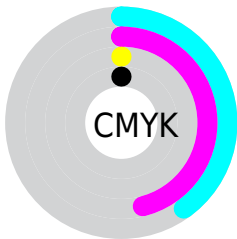
Distribution



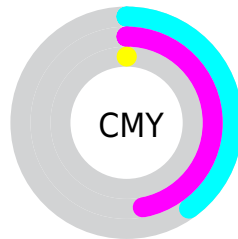
- Red (60%)
- Green (53%)
- Blue (100%)



- Red (60%)
- Yellow (53%)
- Blue (100%)



- Cyan (40%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)





- Cyan (40%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 66.037, 300.511 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 63, 66.037, 300.511 by changing the saturation by 10% instead.


 63, 66.037,
300.511


 63, 66.037,
300.511


 100, 66.037,
300.511


 53, 66.037,
300.511


 83, 66.037,
300.511

 43, 66.037,
300.511

 93, 66.037,
300.511

 33, 66.037,
300.511

 23, 66.037,
300.511

 13, 66.037,
300.511

 3, 66.037, 300.511

 0, 66.037, 300.511

■ 63, 66.037,
300.511

■ 63, 66.037,
300.511

■ 55, 81.634,
302.012

■ 71, 50.803,
299.144

■ 48, 97.163,
303.567

■ 79, 36.099,
297.936

■ 42, 111.683,
305.018

■ 87, 21.964,
296.888

■ 37, 123.566,
306.120

■ 95, 8.386, 295.987

■ 34, 130.896,
306.614

100, 0.355,
109.934

■ 33, 132.633,
306.704

Harmonies

Complementary

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



63, 66.037, 300.511



96, 58.501, 111.952

Rectangle

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



63, 66.037, 300.511



63, 66.037, 350.511



63, 66.037, 120.511



63, 66.037, 170.511

Sweetspot

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



63, 66.036, 300.511



89, 18.736, 296.662



89, 30.851, 213.142



46, 12.990, 296.867



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 66.036, 300.511



56, 81.238, 301.956



69, 68.237, 315.616



49, 7.543, 296.255



24, 106.923, 306.785



4, 44.432, 304.359

Inverse Universe

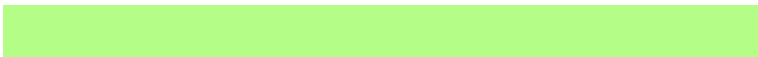
The Inverse Universe completely reimagines the original color for something new.



73, 66.171, 331.209



69, 78.171, 331.806



93, 65.213, 131.350



50, 8.252, 328.906



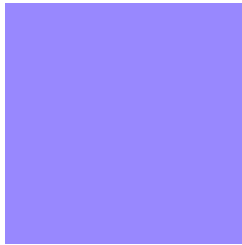
44, 83.716, 334.478



12, 39.004, 333.626

Previews

White Background



This preview shows how the CIELCh color 63, 66.037, 300.511 looks on a white background.

Color Contrast Check

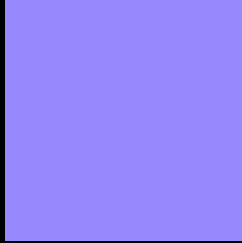
Large Text (above 18pt) WCAG AA × Fail

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 63, 66.037, 300.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

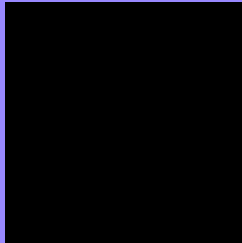
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 66.037, 300.511

Background



This preview shows how black text looks on a background with the CIELCh color 63, 66.037, 300.511.



This preview shows how white text looks on a background with the CIELCh color 63, 66.037, 300.511.

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
63, 11.022, 240.330

Trichromacy



Original Color
63, 66.108, 300.536

Protanomaly
63, 61.976, 291.428

Deuteranomaly
63, 58.856, 287.481

Tritanomaly
63, 28.659, 286.686

Monochromacy



Original Color
63, 66.108, 300.536

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 24.224, 297.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 66.037, 300.511 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(152, 136, 254)` looks like.

```
.text, #text, p{  
    color:rgb(152, 136, 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(152, 136, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 136, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 66.037, 300.511 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(152, 136, 254) }
```

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

```
.border{ border-color:rgb(152, 136, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 136, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 136, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 136, 254);  
box-shadow:4px 4px 4px 4px rgb(152, 136,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 66.037, 300.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 136, 254) }
```

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

```
.background{ background-color: rgb(152,  
136, 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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