

Converting Colors

CIELCh(69, 57.821, 296.151)

Have a look what the booklet for
CIELCh(69, 57.821, 296.151)
contains.

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Color

CIELCh(69, 53.917, 295.945)

Conversions

Conversions Part 1

Format	Color
Hex	A09EFF
RGB	160, 158, 255
RGB Percent	63%, 62%, 100%
CMY	0.3713, 0.3795, 0.0000
CMYK	0.37, 0.38, 0.00, 0.00
HSL	241°, 100%, 81%
HSV	241°, 38%, 100%
XYZ	45.0938, 39.3444, 100.9731
YIQ	169.6560, -29.9450, 30.5910

Conversions

Conversions Part 2

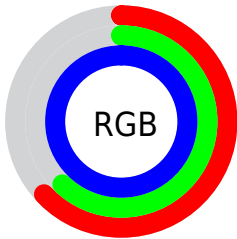
Format	Color
R _Y B	160, 158, 255
Decimal	10526463
CIE Lab	69.00, 23.59, -48.48
CIE LCh	69, 53.917, 295.945
Yxy	39.3444, 0.2432, 0.2122
Android (android.graphics.Color)	4288716543 (0xFFA09EFF)
YUV	169.6560, 42.0746, -8.4683
Hunter-Lab	62.7251, 18.5567, -51.5358

Details

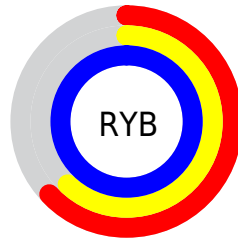
The CIELCh color $69, 53.917, 295.945$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $98, 48.215, 107.468$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 22.104, 295.452$, and $49, 53.305, 295.768$ is the 20% darker color. If you saturate the color by 10%, you get $61, 68.639, 297.716$, and if you desaturate by 10%, it is $77, 38.335, 294.315$.

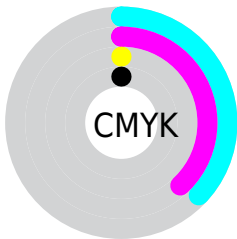
Distribution



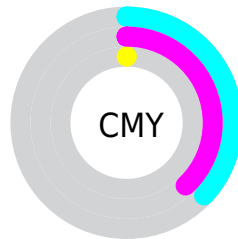
- Red (63%)
- Green (62%)
- Blue (100%)



- Red (63%)
- Yellow (62%)
- Blue (100%)



- Cyan (37%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 53.917, 295.945 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 69, 53.917, 295.945 by changing the saturation by 10% instead.

69, 53.917,
295.945

69, 53.917,
295.945

100, 53.917,
295.945

59, 53.917,
295.945

89, 53.917,
295.945

49, 53.917,
295.945

99, 53.917,
295.945

39, 53.917,
295.945

29, 53.917,
295.945

19, 53.917,
295.945

9, 53.917, 295.945

0, 53.917, 295.945

■ 69, 53.917,
295.945

■ 69, 53.917,
295.945

■ 61, 68.639,
297.716

■ 77, 38.335,
294.315

■ 53, 84.541,
299.743

■ 85, 24.105,
292.963

■ 46, 100.404,
301.867

■ 94, 10.463,
291.819

■ 40, 115.076,
303.863

100, 0.012,
296.813

■ 35, 126.550,
305.400

■ 33, 132.837,
306.206

■ 32, 133.722,
306.330

Harmonies

Complementary

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



69, 53.917, 295.945



98, 48.215, 107.468

Rectangle

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



69, 53.917, 295.945



69, 53.917, 345.945



69, 53.917, 115.945



69, 53.917, 165.945

Sweetspot

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



69, 53.185, 295.896



91, 14.565, 292.147



94, 29.320, 199.250



47, 9.813, 292.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 53.185, 295.896



62, 65.584, 297.343



73, 54.967, 311.519



49, 7.506, 291.984



23, 107.673, 306.348



3, 44.180, 302.197

Inverse Universe

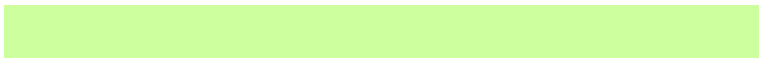
The Inverse Universe completely reimagines the original color for something new.



78, 59.337, 327.102



74, 71.050, 327.506



95, 52.141, 127.862



50, 8.926, 325.528



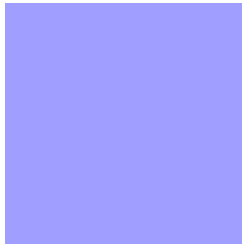
45, 91.523, 329.108



12, 42.191, 329.000

Previews

White Background



This preview shows how the CIELCh color 69, 53.917, 295.945 looks on a white background.

Color Contrast Check

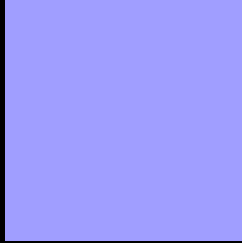
Large Text (above 18pt) WCAG AA × Fail

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 69, 53.917, 295.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

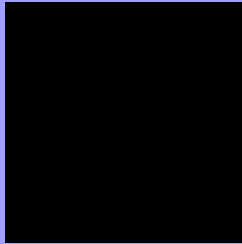
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.917, 295.945

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.917, 295.945.



This preview shows how white text looks on a background with the CIELCh color 69, 53.917, 295.945.

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

69, 53.322, 295.884

Protanopia

69, 49.667, 285.606

Deuteranopia

69, 47.849, 281.815



Tritanopia
69, 12.166, 234.862

Trichromacy



Original Color
69, 53.322, 295.884

Protanomaly
69, 50.542, 289.241

Deuteranomaly
69, 49.566, 287.121

Tritanomaly
69, 24.153, 278.391

Monochromacy



Original Color
69, 53.322, 295.884

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 19.241, 292.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.917, 295.945 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(160, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 158, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.917, 295.945 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(160, 158, 255) }
```

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

```
.border{ border-color:rgb(160, 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(160, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(160, 158,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.917, 295.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 158, 255) }
```

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

```
.background{ background-color: rgb(160,  
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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