

Converting Colors

CIELCh(69, 53.267, 296.267)

Have a look what the booklet for
CIELCh(69, 53.267, 296.267)
contains.

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Color

CIELCh(69, 53.325, 296.192)

Conversions

Conversions Part 1

Format	Color
Hex	A19EFF
RGB	161, 158, 255
RGB Percent	63%, 62%, 100%
CMY	0.3679, 0.3797, 0.0000
CMYK	0.37, 0.38, 0.00, 0.00
HSL	242°, 100%, 81%
HSV	242°, 38%, 100%
XYZ	45.0756, 39.3444, 99.9926
YIQ	169.9550, -29.3490, 30.8030

Conversions

Conversions Part 2

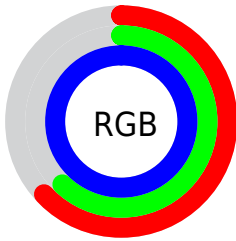
Format	Color
RYB	161, 158, 255
Decimal	10591999
CIELab	69.00, 23.54, -47.85
CIELCh	69, 53.325, 296.192
Yxy	39.3444, 0.2444, 0.2133
Android (android.graphics.Color)	4288782079 (0xFFA19EFF)
YUV	169.9550, 41.9272, -7.8535
Hunter-Lab	62.7251, 18.5049, -50.6089

Details

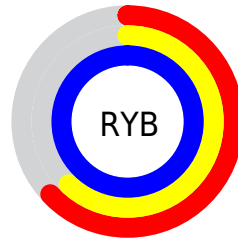
The CIELCh color `69, 53.325, 296.192` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 48.247, 107.900`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `87, 22.130, 296.315`, and `49, 53.298, 296.054` is the 20% darker color. If you saturate the color by 10%, you get `61, 68.663, 297.967`, and if you desaturate by 10%, it is `77, 38.368, 294.636`.

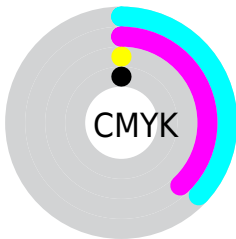
Distribution



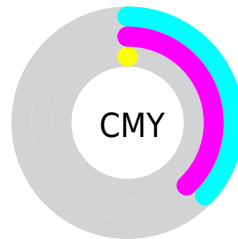
- Red (63%)
- Green (62%)
- Blue (100%)



- 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, 53.325, 296.192 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, 53.325, 296.192 by changing the saturation by 10% instead.


 69, 53.325,
296.192


 69, 53.325,
296.192


 100, 53.325,
296.192


 59, 53.325,
296.192


 89, 53.325,
296.192

 49, 53.325,
296.192

 99, 53.325,
296.192

 39, 53.325,
296.192

 29, 53.325,
296.192

 19, 53.325,
296.192

 9, 53.325, 296.192

 0, 53.325, 296.192

69, 53.325,
296.192

69, 53.325,
296.192

61, 68.663,
297.967

77, 38.368,
294.636

53, 84.548,
299.947

85, 24.136,
293.309

46, 100.383,
302.019

94, 10.491,
292.184

40, 115.024,
303.964

100, 0.012,
296.813

35, 126.488,
305.455

33, 132.801,
306.227

32, 133.681,
306.348

Harmonies

Complementary

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



69, 53.325, 296.192



98, 48.247, 107.900

Rectangle

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



69, 53.325, 296.192



69, 53.325, 346.192



69, 53.325, 116.192



69, 53.325, 166.192

Sweetspot

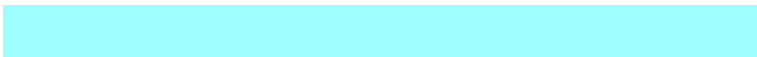
The Sweet Spot groups the original color and five complimentary colors.



69, 53.217, 296.186



91, 14.568, 292.505



94, 29.332, 199.249



47, 9.815, 292.655



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, 53.217, 296.186



63, 65.581, 297.599



73, 54.995, 311.520



49, 7.508, 292.345



23, 107.625, 306.375



3, 44.203, 302.390

Inverse Universe

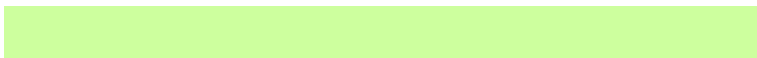
The Inverse Universe completely reimagines the original color for something new.



78, 58.986, 327.381



74, 70.598, 327.792



95, 52.167, 127.862



50, 8.868, 325.793



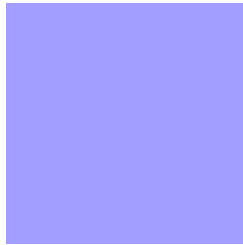
45, 90.836, 329.511



12, 41.912, 329.353

Previews

White Background



This preview shows how the CIELCh color 69, 53.325, 296.192 looks on a white background.

Color Contrast Check

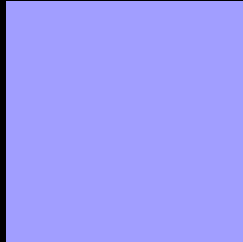
Large Text (above 18pt) WCAG AA × Fail

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, 53.325, 296.192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

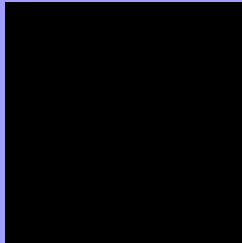
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 53.325, 296.192

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.325, 296.192.



This preview shows how white text looks on a background with the CIELCh color 69, 53.325, 296.192.

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, 53.325, 296.192

Protanopia

69, 49.667, 285.606

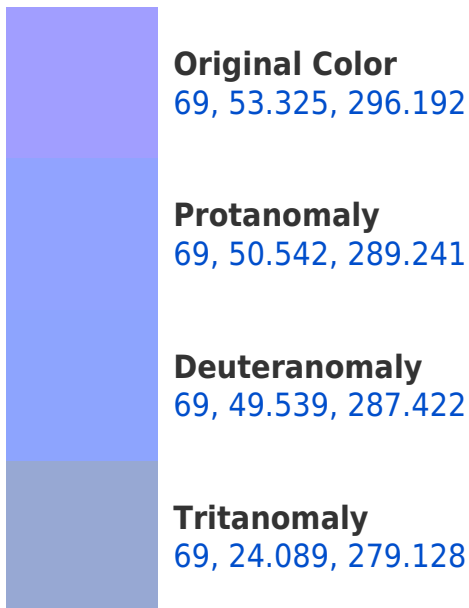
Deuteranopia

69, 47.805, 282.102

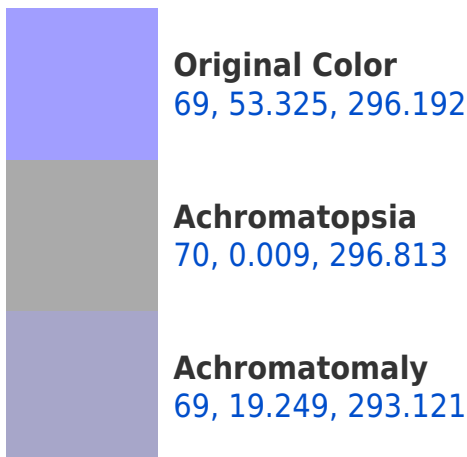


Tritanopia
69, 11.902, 235.810

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.325, 296.192 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(161, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 158, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.325, 296.192 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(161, 158, 255) }
```

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

```
.border{ border-color:rgb(161, 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(161, 158, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 158,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.325, 296.192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 158, 255) }
```

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

```
.background{ background-color: rgb(161,  
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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