

Converting Colors

CIELCh(69, 62.161, 308.975)

Have a look what the booklet for
CIELCh(69, 62.161, 308.975)
contains.

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Color

CIELCh(69, 61.594, 309.073)

Conversions

Conversions Part 1

Format	Color
Hex	C192FF
RGB	193, 146, 255
RGB Percent	76%, 57%, 100%
CMY	0.2413, 0.4257, 0.0000
CMYK	0.24, 0.43, 0.00, 0.00
HSL	266°, 100%, 79%
HSV	266°, 43%, 100%
XYZ	50.5877, 39.3444, 99.9440
YIQ	172.4790, -6.9770, 43.8630

Conversions

Conversions Part 2

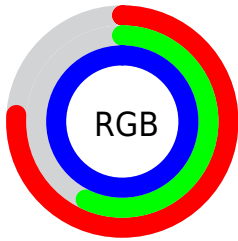
Format	Color
RYB	193, 146, 255
Decimal	12686079
CIELab	69.00, 38.82, -47.82
CIELCh	69, 61.594, 309.073
Yxy	39.3444, 0.2664, 0.2072
Android (android.graphics.Color)	4290876159 (0xFFC192FF)
YUV	172.4790, 40.6829, 17.9969
Hunter-Lab	62.7251, 34.1911, -50.5630

Details

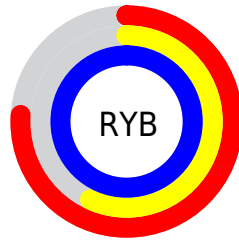
The CIELCh color $69, 61.594, 309.073$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 57.029, 124.606$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.162, 323.499$, and $49, 61.997, 309.122$ is the 20% darker color. If you saturate the color by 10%, you get $62, 76.301, 309.763$, and if you desaturate by 10%, it is $76, 46.401, 308.489$.

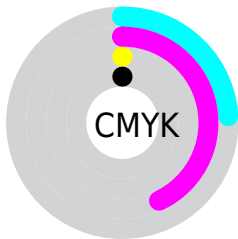
Distribution



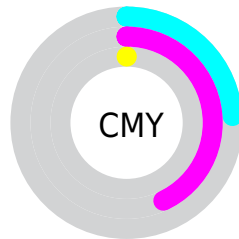
- Red (76%)
- Green (57%)
- Blue (100%)



- Red (76%)
- Yellow (57%)
- Blue (100%)



- Cyan (24%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (24%)
- Magenta (43%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.594, 309.073 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, 61.594, 309.073 by changing the saturation by 10% instead.


 69, 61.594,
309.073


 69, 61.594,
309.073


 100, 61.594,
309.073


 59, 61.594,
309.073


 89, 61.594,
309.073

 49, 61.594,
309.073

 99, 61.594,
309.073

 39, 61.594,
309.073

 29, 61.594,
309.073

 19, 61.594,
309.073

 9, 61.594, 309.073

 0, 61.594, 309.073

69, 61.594,
309.073

69, 61.594,
309.073

62, 76.301,
309.763

76, 46.401,
308.489

56, 90.831,
310.343

83, 31.710,
307.882

50, 104.214,
310.779

91, 17.395,
307.321

45, 115.413,
310.947

98, 3.510, 306.792

41, 123.271,
310.708

100, 0.012,
296.813

39, 126.865,
310.271

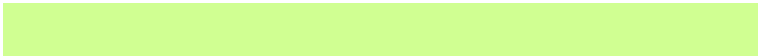
Harmonies

Complementary

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



69, 61.594, 309.073



95, 57.029, 124.606

Rectangle

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



69, 61.594, 309.073



69, 61.594, 359.073



69, 61.594, 129.073



69, 61.594, 179.073

Sweetspot

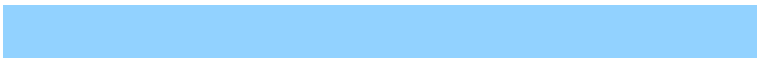
The Sweet Spot groups the original color and five complimentary colors.



69, 61.345, 309.126



90, 18.000, 307.344



81, 29.734, 252.953



47, 12.638, 307.464



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, 61.345, 309.126



63, 73.965, 309.665



75, 65.941, 324.238



49, 7.830, 307.159



28, 101.973, 310.461



5, 44.918, 311.068

Inverse Universe

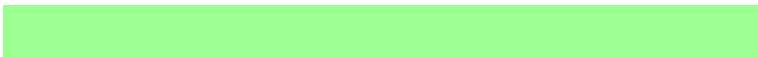
The Inverse Universe completely reimagines the original color for something new.



74, 50.395, 344.206



69, 59.614, 345.274



92, 65.640, 139.264



50, 6.680, 340.933



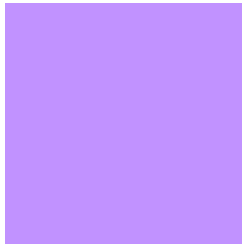
42, 69.432, 355.914



11, 32.653, 351.371

Previews

White Background



This preview shows how the CIELCh color 69, 61.594, 309.073 looks on a white background.

Color Contrast Check

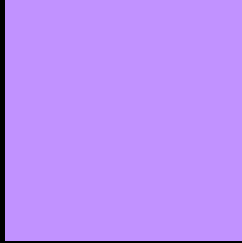
Large Text (above 18pt) WCAG AA × Fail

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, 61.594, 309.073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

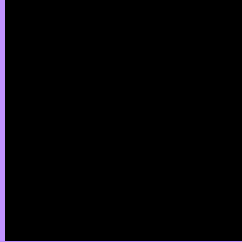
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 61.594, 309.073

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.594, 309.073.



This preview shows how white text looks on a background with the CIELCh color 69, 61.594, 309.073.

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
69, 9.128, 328.765

Trichromacy



Original Color
69, 61.594, 309.073



Protanomaly
69, 52.726, 294.588



Deuteranomaly
69, 50.532, 293.059



Tritanomaly
69, 27.548, 311.930

Monochromacy



Original Color
69, 61.594, 309.073



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 22.867, 307.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.594, 309.073 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(193, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 146, 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(193, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 146, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.594, 309.073 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(193, 146, 255) }
```

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

```
.border{ border-color:rgb(193, 146, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 146, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 146,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.594, 309.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 146, 255) }
```

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

```
.background{ background-color: rgb(193,  
146, 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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