

Converting Colors

CIELCh(69, 52.162, 294.597)

Have a look what the booklet for
CIELCh(69, 52.162, 294.597)
contains.

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Color

CIELCh(69, 52.186, 294.846)

Conversions

Conversions Part 1

Format	Color
Hex	9E9FFE
RGB	158, 159, 254
RGB Percent	62%, 62%, 100%
CMY	0.3794, 0.3755, 0.0029
CMYK	0.38, 0.37, 0.00, 0.00
HSL	239°, 98%, 81%
HSV	239°, 38%, 100%
XYZ	44.5198, 39.3444, 99.2324
YIQ	169.5310, -31.0910, 29.3330

Conversions

Conversions Part 2

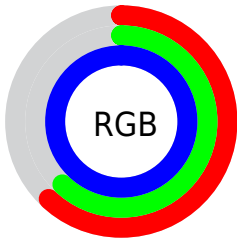
Format	Color
R _Y B	158, 159, 254
Decimal	10395646
CIE Lab	69.00, 21.93, -47.36
CIE LCh	69, 52.186, 294.846
Yxy	39.3444, 0.2431, 0.2149
Android (android.graphics.Color)	4288585726 (0xFF9E9FFE)
YUV	169.5310, 41.6432, -10.1127
Hunter-Lab	62.7251, 16.9234, -49.8904

Details

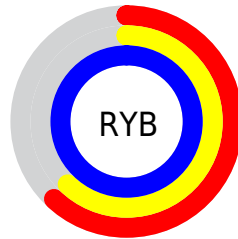
The CIELCh color **69, 52.186, 294.846** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **98, 47.422, 106.064**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 21.511, 292.838**, and **49, 52.120, 294.705** is the 20% darker color. If you saturate the color by 10%, you get **61, 67.433, 296.764**, and if you desaturate by 10%, it is **77, 37.547, 293.187**.

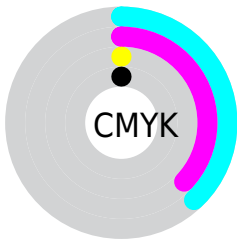
Distribution



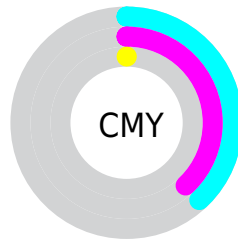
- Red (62%)
- Green (62%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 52.186, 294.846 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, 52.186, 294.846 by changing the saturation by 10% instead.

 69, 52.186,
294.846

 69, 52.186,
294.846


 100, 52.186,
294.846


 59, 52.186,
294.846

 89, 52.186,
294.846

 49, 52.186,
294.846

 99, 52.186,
294.846

 39, 52.186,
294.846

 29, 52.186,
294.846

 19, 52.186,
294.846

 9, 52.186, 294.846

 0, 52.186, 294.846

■ 69, 52.186,
294.846

■ 69, 52.186,
294.846

■ 61, 67.433,
296.764

■ 77, 37.547,
293.187

■ 53, 83.167,
298.914

■ 85, 23.522,
291.773

■ 46, 98.948,
301.188

■ 93, 10.075,
290.580

■ 40, 113.700,
303.362

■ 100, 0.363,
109.938

■ 35, 125.478,
305.094

■ 33, 132.161,
306.071

■ 32, 133.119,
306.205

Harmonies

Complementary

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



69, 52.186, 294.846



98, 47.422, 106.064

Rectangle

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



69, 52.186, 294.846



69, 52.186, 344.846



69, 52.186, 114.846



69, 52.186, 164.846

Sweetspot

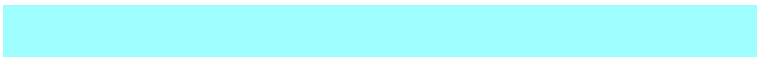
The Sweet Spot groups the original color and five complimentary colors.



69, 52.185, 294.846



91, 14.407, 290.944



94, 29.788, 195.973



47, 9.706, 291.103



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, 52.185, 294.846



63, 63.319, 296.211



73, 54.322, 310.434



49, 7.425, 290.773



23, 107.317, 306.169



3, 43.803, 301.593

Inverse Universe

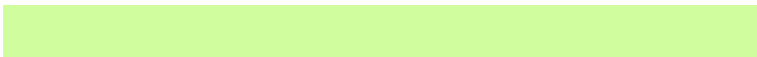
The Inverse Universe completely reimagines the original color for something new.



75, 38.695, 22.264



71, 47.309, 23.510



95, 51.315, 126.681



49, 5.253, 19.115



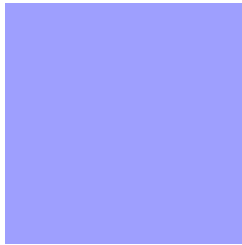
40, 83.760, 39.595



10, 33.282, 26.769

Previews

White Background



This preview shows how the CIELCh color 69, 52.186, 294.846 looks on a white background.

Color Contrast Check

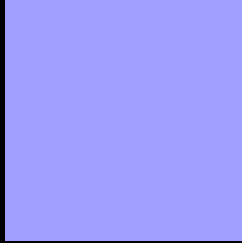
Large Text (above 18pt) WCAG AA × Fail

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, 52.186, 294.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

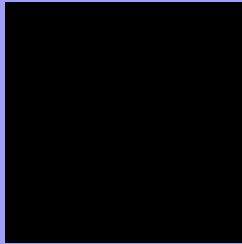
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 52.186, 294.846

Background



This preview shows how black text looks on a background with the CIELCh color 69, 52.186, 294.846.



This preview shows how white text looks on a background with the CIELCh color 69, 52.186, 294.846.

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, 52.186, 294.846

Protanopia

69, 49.667, 285.606

Deuteranopia

69, 47.283, 281.873



Tritanopia
69, 12.975, 235.255

Trichromacy



Original Color
69, 52.186, 294.846

Protanomaly
69, 50.563, 288.940

Deuteranomaly
69, 49.033, 286.964

Tritanomaly
69, 24.293, 276.940

Monochromacy



Original Color
69, 52.186, 294.846

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, 52.186, 294.846 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(158, 159, 254)` looks like.

```
.text, #text, p{  
    color:rgb(158, 159, 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(158, 159, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 159, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 52.186, 294.846 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(158, 159, 254) }
```

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

```
.border{ border-color:rgb(158, 159, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 159, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 159, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 159, 254); box-shadow:4px 4px 4px 4px rgb(158, 159, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 52.186, 294.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 159, 254) }
```

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

```
.background{ background-color: rgb(158,  
159, 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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