

Converting Colors

CIELCh(71, 80.209, 300.785)

Have a look what the booklet for
CIELCh(71, 80.209, 300.785)
contains.

CIELCh(69, 56.499, 301.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 56.499, 301.184)

Conversions

Conversions Part 1

Format	Color
Hex	AD9AFF
RGB	173, 154, 255
RGB Percent	68%, 60%, 100%
CMY	0.3209, 0.3957, 0.0000
CMYK	0.32, 0.40, 0.00, 0.00
HSL	251°, 100%, 80%
HSV	251°, 40%, 100%
XYZ	47.0878, 39.3444, 100.7441
YIQ	171.1950, -21.0970, 35.4390

Conversions

Conversions Part 2

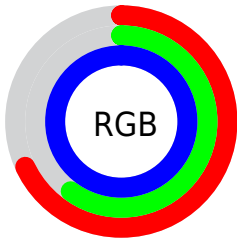
Format	Color
RYB	173, 154, 255
Decimal	11377407
CIELab	69.00, 29.25, -48.34
CIElCh	69, 56.499, 301.184
Yxy	39.3444, 0.2516, 0.2102
Android (android.graphics.Color)	4289567487 (0xFFAD9AFF)
YUV	171.1950, 41.3159, 1.5830
Hunter-Lab	62.7251, 24.2313, -51.3193

Details

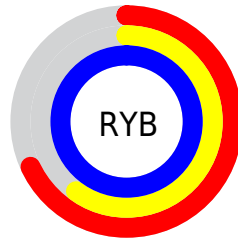
The CIELCh color **69, 56.499, 301.184** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **97, 50.779, 114.800**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 25.366, 309.170**, and **49, 55.868, 300.983** is the 20% darker color. If you saturate the color by 10%, you get **61, 71.194, 302.453**, and if you desaturate by 10%, it is **77, 40.951, 300.106**.

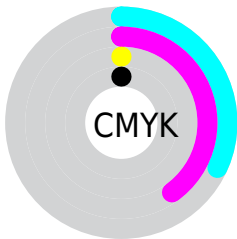
Distribution



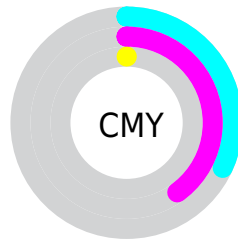
- Red (68%)
- Green (60%)
- Blue (100%)



- Red (68%)
- Yellow (60%)
- Blue (100%)



- Cyan (32%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 56.499, 301.184 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, 56.499, 301.184 by changing the saturation by 10% instead.

■ 69, 56.499,
301.184

■ 69, 56.499,
301.184

■ 100, 56.499,
301.184

■ 59, 56.499,
301.184

■ 89, 56.499,
301.184

■ 49, 56.499,
301.184

■ 99, 56.499,
301.184

■ 39, 56.499,
301.184

■ 29, 56.499,
301.184

■ 19, 56.499,
301.184

■ 9, 56.499, 301.184

■ 0, 56.499, 301.184

69, 56.499,
301.184

69, 56.499,
301.184

61, 71.194,
302.453

77, 40.951,
300.106

54, 86.723,
303.768

85, 26.579,
299.126

47, 101.865,
305.070

93, 12.750,
298.275

41, 115.516,
306.189

100, 0.012,
296.813

37, 125.988,
306.891

34, 132.009,
307.040

34, 132.222,
307.045

Harmonies

Complementary

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



69, 56.499, 301.184



97, 50.779, 114.800

Rectangle

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



69, 56.499, 301.184



69, 56.499, 351.184



69, 56.499, 121.184



69, 56.499, 171.184

Sweetspot

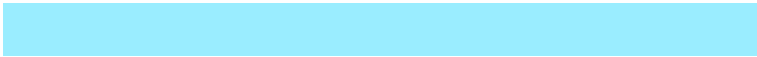
The Sweet Spot groups the original color and five complimentary colors.



69, 55.853, 301.218



91, 16.062, 298.471



89, 26.511, 219.423



47, 10.680, 298.579



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, 55.853, 301.218



63, 67.220, 302.126



74, 58.799, 316.913



49, 7.574, 298.270



24, 106.326, 307.153



4, 44.536, 305.336

Inverse Universe

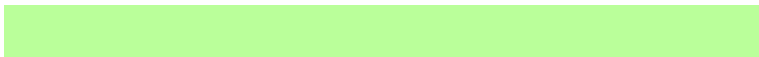
The Inverse Universe completely reimagines the original color for something new.



76, 55.139, 332.730



73, 64.739, 333.252



94, 56.957, 133.244



50, 7.944, 330.712



43, 80.335, 337.524



11, 37.600, 336.197

Previews

White Background



This preview shows how the CIELCh color 69, 56.499, 301.184 looks on a white background.

Color Contrast Check

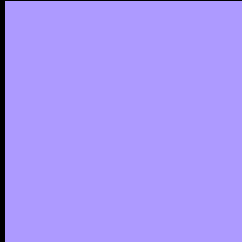
Large Text (above 18pt) WCAG AA × Fail

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, 56.499, 301.184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

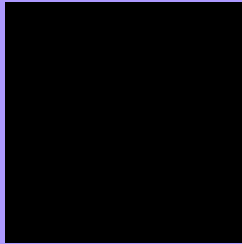
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 56.499, 301.184

Background



This preview shows how black text looks on a background with the CIELCh color 69, 56.499, 301.184.



This preview shows how white text looks on a background with the CIELCh color 69, 56.499, 301.184.

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, 55.909, 301.194

Protanopia

69, 49.667, 285.606

Deuteranopia

69, 47.240, 282.167



Tritanopia
69, 8.561, 263.527

Trichromacy



Original Color
69, 55.909, 301.194

Protanomaly
69, 51.606, 291.640

Deuteranomaly
69, 50.018, 289.763

Tritanomaly
69, 24.770, 292.637

Monochromacy



Original Color
69, 55.909, 301.194

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 20.531, 298.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 56.499, 301.184 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(173, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 154, 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(173, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 154, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 56.499, 301.184 is called "border". The border property can be set on classes, ids or directly on the HTML element.

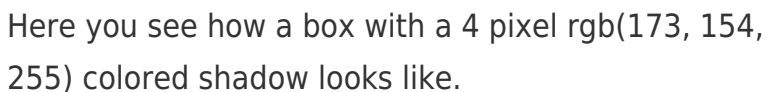
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 154, 255) }
```

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

```
.border{ border-color:rgb(173, 154, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 154, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 154, 255); box-shadow:4px 4px 4px 4px rgb(173, 154, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 56.499, 301.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 154, 255) }
```

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

```
.background{ background-color: rgb(173,  
154, 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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