

Converting Colors

CIELCh(68, 56.454, 300.523)

Have a look what the booklet for
CIELCh(68, 56.454, 300.523)
contains.

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Color

CIELCh(68, 56.516, 300.601)

Conversions

Conversions Part 1

Format	Color
Hex	A998FE
RGB	169, 152, 254
RGB Percent	66%, 60%, 100%
CMY	0.3379, 0.4045, 0.0046
CMYK	0.33, 0.40, 0.00, 0.00
HSL	250°, 98%, 80%
HSV	250°, 40%, 100%
XYZ	45.3964, 37.9720, 98.5666
YIQ	168.7110, -22.6100, 35.3260

Conversions

Conversions Part 2

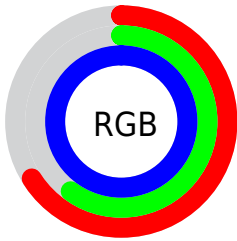
Format	Color
RYB	169, 152, 254
Decimal	11114750
CIELab	68.00, 28.77, -48.65
CIElCh	68, 56.516, 300.601
Yxy	37.9720, 0.2495, 0.2087
Android (android.graphics.Color)	4289304830 (0xFFA998FE)
YUV	168.7110, 42.0475, 0.2535
Hunter-Lab	61.6215, 23.6630, -51.7023

Details

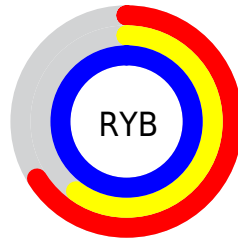
The CIELCh color $68, 56.516, 300.601$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $96, 51.197, 113.780$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 26.840, 307.527$, and $48, 56.571, 300.470$ is the 20% darker color. If you saturate the color by 10%, you get $60, 71.851, 301.916$, and if you desaturate by 10%, it is $76, 41.632, 299.421$.

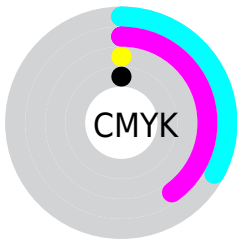
Distribution



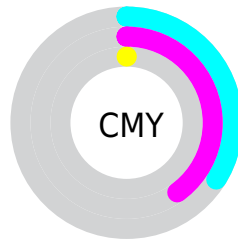
- Red (66%)
- Green (60%)
- Blue (100%)



- Red (66%)
- Yellow (60%)
- Blue (100%)



- Cyan (33%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (40%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 56.516, 300.601 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 68, 56.516, 300.601 by changing the saturation by 10% instead.


 68, 56.516,
300.601


 68, 56.516,
300.601


 100, 56.516,
300.601


 58, 56.516,
300.601


 88, 56.516,
300.601

 48, 56.516,
300.601


 98, 56.516,
300.601

 38, 56.516,
300.601

 28, 56.516,
300.601

 18, 56.516,
300.601

 8, 56.516, 300.601

 0, 56.516, 300.601

68, 56.516,
300.601

68, 56.516,
300.601

60, 71.851,
301.916

76, 41.632,
299.421

53, 87.386,
303.321

84, 27.289,
298.385

46, 102.523,
304.715

92, 13.498,
297.487

40, 116.103,
305.919

99, 0.240, 296.720

36, 126.365,
306.681

100, 0.578,
110.001

33, 132.078,
306.890

Harmonies

Complementary

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



68, 56.516, 300.601



96, 51.197, 113.780

Rectangle

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



68, 56.516, 300.601



68, 56.516, 350.601



68, 56.516, 120.601



68, 56.516, 170.601

Sweetspot

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



68, 56.515, 300.601



91, 16.032, 297.642



90, 27.240, 214.965



47, 10.661, 297.755



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 56.515, 300.601



62, 68.740, 301.621



73, 59.167, 315.884



49, 7.560, 297.432



24, 106.594, 306.985



4, 44.492, 304.918

Inverse Universe

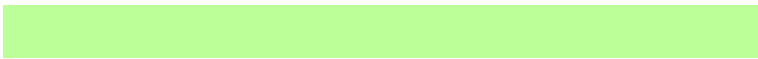
The Inverse Universe completely reimagines the original color for something new.



76, 56.595, 331.939



72, 66.988, 332.464



93, 57.022, 132.187



50, 8.071, 329.943



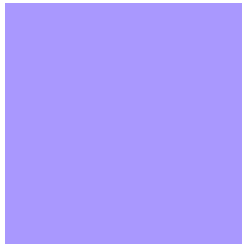
44, 81.713, 336.213



12, 38.174, 335.095

Previews

White Background



This preview shows how the CIELCh color 68, 56.516, 300.601 looks on a white background.

Color Contrast Check

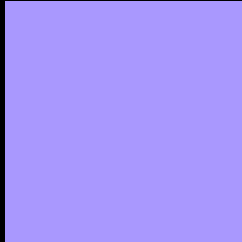
Large Text (above 18pt) WCAG AA × Fail

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 68, 56.516, 300.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

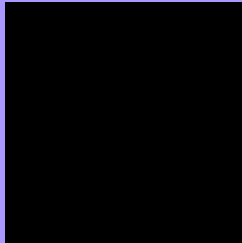
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 56.516, 300.601

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.516, 300.601.

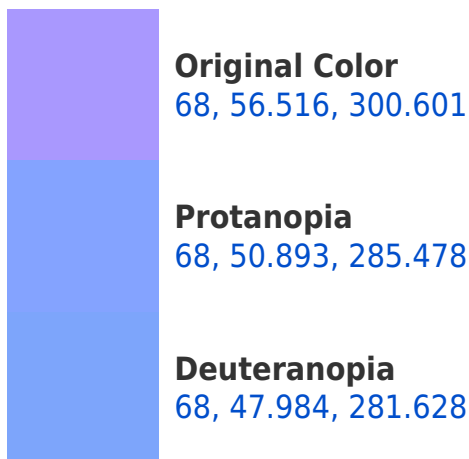


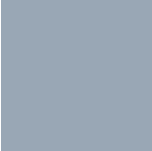
This preview shows how white text looks on a background with the CIELCh color 68, 56.516, 300.601.

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
68, 9.086, 257.550

Trichromacy



Original Color
68, 56.516, 300.601

Protanomaly
68, 52.835, 291.011

Deuteranomaly
68, 50.721, 289.047

Tritanomaly
68, 25.400, 291.224

Monochromacy



Original Color
68, 56.516, 300.601

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 20.535, 298.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.516, 300.601 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(169, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 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(169, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.516, 300.601 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(169, 152, 254) }
```

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

```
.border{ border-color:rgb(169, 152, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.516, 300.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 254) }
```

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

```
.background{ background-color: rgb(169,  
152, 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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