

Converting Colors

CIELCh(67, 56.216, 304.475)

Have a look what the booklet for
CIELCh(67, 56.216, 304.475)
contains.

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Color

CIELCh(67, 56.066, 304.451)

Conversions

Conversions Part 1

Format	Color
Hex	B093F7
RGB	176, 147, 247
RGB Percent	69%, 58%, 97%
CMY	0.3113, 0.4249, 0.0329
CMYK	0.29, 0.41, 0.00, 0.03
HSL	257°, 86%, 77%
HSV	257°, 41%, 97%
XYZ	44.9229, 36.6320, 92.3783
YIQ	167.0710, -14.8160, 37.2480

Conversions

Conversions Part 2

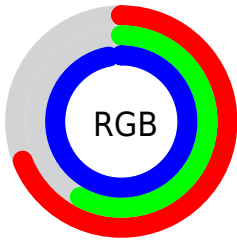
Format	Color
RYB	176, 147, 247
Decimal	11572215
CIELab	67.00, 31.72, -46.23
CIELCh	67, 56.066, 304.451
Yxy	36.6320, 0.2583, 0.2106
Android (android.graphics.Color)	4289762295 (0xFFB093F7)
YUV	167.0710, 39.4050, 7.8307
Hunter-Lab	60.5244, 26.5702, -48.1273

Details

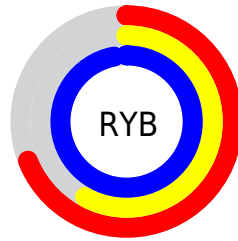
The CIELCh color `67, 56.066, 304.451` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `93, 51.361, 119.029`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 30.562, 313.164`, and `47, 55.969, 304.525` is the 20% darker color. If you saturate the color by 10%, you get `60, 70.873, 305.400`, and if you desaturate by 10%, it is `74, 41.545, 303.568`.

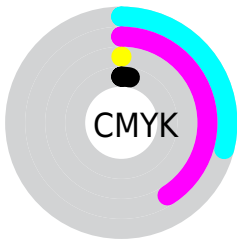
Distribution



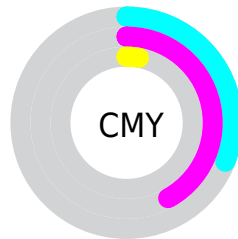
- Red (69%)
- Green (58%)
- Blue (97%)



- Red (69%)
- Yellow (58%)
- Blue (97%)



- Cyan (29%)
- Magenta (41%)
- Yellow (0%)
- Black (3%)





- Cyan (31%)
- Magenta (42%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 56.066, 304.451 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 67, 56.066, 304.451 by changing the saturation by 10% instead.


 67, 56.066,
304.451


 67, 56.066,
304.451


 100, 56.066,
304.451


 57, 56.066,
304.451


 87, 56.066,
304.451

 47, 56.066,
304.451

 97, 56.066,
304.451

 37, 56.066,
304.451

 27, 56.066,
304.451

 17, 56.066,
304.451

 7, 56.066, 304.451

 0, 56.066, 304.451

67, 56.066,
304.451

67, 56.066,
304.451

60, 70.873,
305.400

74, 41.545,
303.568

53, 85.661,
306.367

82, 27.451,
302.771

46, 99.826,
307.263

89, 13.834,
302.064

41, 112.326,
307.943

97, 0.701, 301.376

37, 121.733,
308.217

100, 4.246,
109.843

34, 127.088,
308.041

Harmonies

Complementary

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



67, 56.066, 304.451



93, 51.361, 119.029

Rectangle

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



67, 56.066, 304.451



67, 56.066, 354.451



67, 56.066, 124.451



67, 56.066, 174.451

Sweetspot

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



67, 56.065, 304.451



91, 16.234, 302.164



84, 25.857, 233.823



47, 10.793, 302.253



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 56.065, 304.451



63, 70.485, 305.260



72, 59.650, 320.077



47, 7.405, 301.995



25, 102.690, 308.192



4, 40.808, 306.411

Inverse Universe

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



73, 51.301, 336.914



71, 62.856, 337.675



90, 58.505, 136.066



48, 7.150, 334.494



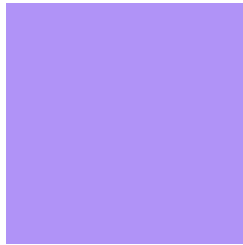
41, 73.338, 344.155



10, 33.462, 341.473

Previews

White Background



This preview shows how the CIELCh color 67, 56.066, 304.451 looks on a white background.

Color Contrast Check

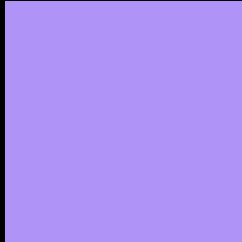
Large Text (above 18pt) WCAG AA × Fail

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 67, 56.066, 304.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

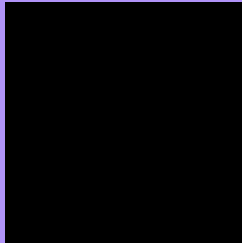
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 56.066, 304.451

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.066, 304.451.

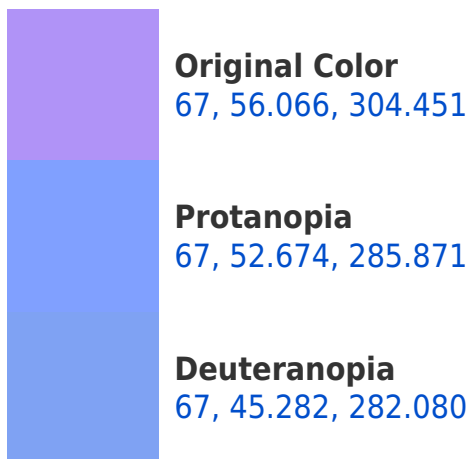


This preview shows how white text looks on a background with the CIELCh color 67, 56.066, 304.451.

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
67, 7.190, 290.927

Trichromacy



Original Color
67, 56.066, 304.451



Protanomaly
67, 53.547, 292.392



Deuteranomaly
67, 48.631, 291.215



Tritanomaly
67, 25.306, 301.303

Monochromacy



Original Color
67, 56.066, 304.451



Achromatopsia
68, 0.008, 296.813



Achromatomaly
68, 20.260, 302.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.066, 304.451 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(176, 147, 247)` looks like.

```
.text, #text, p{  
    color:rgb(176, 147, 247)  
}
```

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(176, 147, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 147, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.066, 304.451 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(176, 147, 247) }
```

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

```
.border{ border-color:rgb(176, 147, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 147, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 147, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 147, 247); box-shadow:4px 4px 4px 4px rgb(176, 147, 247) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.066, 304.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 147, 247) }
```

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

```
.background{ background-color: rgb(176,  
147, 247) }
```

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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