

Converting Colors

CIELCh(67, 56.880, 296.794)

Have a look what the booklet for
CIELCh(67, 56.880, 296.794)
contains.

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Color

CIELCh(67, 56.912, 296.821)

Conversions

Conversions Part 1

Format	Color
Hex	9C98FF
RGB	156, 152, 255
RGB Percent	61%, 60%, 100%
CMY	0.3892, 0.4048, 0.0010
CMYK	0.39, 0.40, 0.00, 0.00
HSL	242°, 100%, 80%
HSV	242°, 40%, 100%
XYZ	42.8659, 36.6320, 99.2101
YIQ	164.9380, -30.6790, 32.8810

Conversions

Conversions Part 2

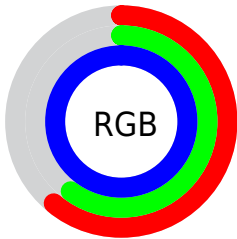
Format	Color
RYB	156, 152, 255
Decimal	10262783
CIELab	67.00, 25.68, -50.79
CIElCh	67, 56.912, 296.821
Yxy	36.6320, 0.2399, 0.2050
Android (android.graphics.Color)	4288452863 (0xFF9C98FF)
YUV	164.9380, 44.4006, -7.8386
Hunter-Lab	60.5244, 20.5038, -54.8197

Details

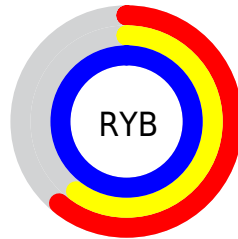
The CIELCh color `67, 56.912, 296.821` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `98, 51.189, 108.028`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `85, 26.031, 298.175`, and `47, 57.166, 296.973` is the 20% darker color. If you saturate the color by 10%, you get `59, 72.467, 298.624`, and if you desaturate by 10%, it is `75, 41.925, 295.241`.

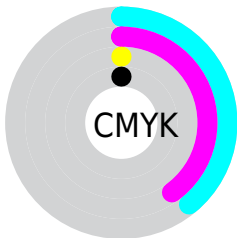
Distribution



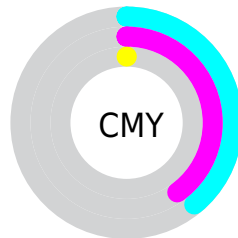
- Red (61%)
- Green (60%)
- Blue (100%)



- Red (61%)
- Yellow (60%)
- Blue (100%)



- Cyan (39%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (39%)
- Magenta (40%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 56.912, 296.821 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, 56.912, 296.821 by changing the saturation by 10% instead.


 67, 56.912,
296.821


 67, 56.912,
296.821


 100, 56.912,
296.821


 57, 56.912,
296.821


 87, 56.912,
296.821

 47, 56.912,
296.821


 97, 56.912,
296.821

 37, 56.912,
296.821

 27, 56.912,
296.821

 17, 56.912,
296.821

 7, 56.912, 296.821

 0, 56.912, 296.821

67, 56.912,
296.821

67, 56.912,
296.821

59, 72.467,
298.624

75, 41.925,
295.241

51, 88.375,
300.603

83, 27.554,
293.882

44, 104.020,
302.628

91, 13.777,
292.727

38, 118.064,
304.454

100, 0.557,
291.846

34, 128.394,
305.751

100, 0.114,
109.490

32, 133.550,
306.363

Harmonies

Complementary

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



67, 56.912, 296.821



98, 51.189, 108.028

Rectangle

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



67, 56.912, 296.821



67, 56.912, 346.821



67, 56.912, 116.821



67, 56.912, 166.821

Sweetspot

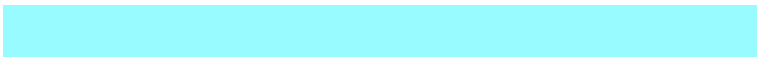
The Sweet Spot groups the original color and five complimentary colors.



67, 56.911, 296.821



90, 15.927, 292.897



93, 30.314, 200.933



47, 10.592, 293.041



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, 56.911, 296.821



60, 70.282, 298.356



71, 58.735, 312.183



49, 7.509, 292.630



23, 107.588, 306.396



3, 44.221, 302.540

Inverse Universe

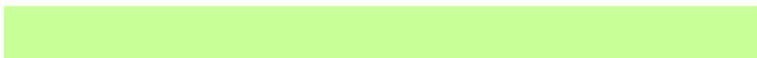
The Inverse Universe completely reimagines the original color for something new.



76, 62.241, 327.733



72, 74.355, 328.169



94, 55.640, 128.328



50, 8.822, 326.004



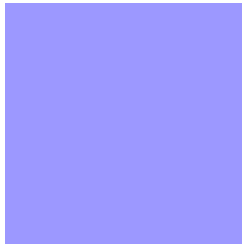
45, 90.296, 329.836



12, 41.693, 329.636

Previews

White Background



This preview shows how the CIELCh color 67, 56.912, 296.821 looks on a white background.

Color Contrast Check

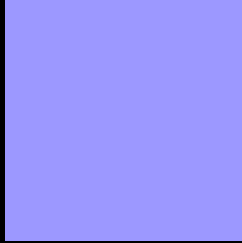
Large Text (above 18pt) WCAG AA × Fail

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, 56.912, 296.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

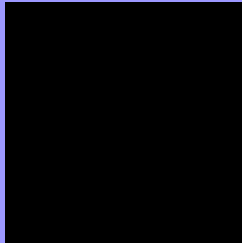
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 56.912, 296.821

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.912, 296.821.



This preview shows how white text looks on a background with the CIELCh color 67, 56.912, 296.821.

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](#).

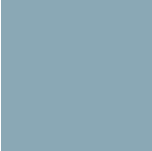
Dichromacy



Original Color
67, 56.912, 296.821

Protanopia
67, 52.706, 285.611

Deuteranopia
67, 49.902, 280.844



Tritanopia
67, 12.476, 234.026

Trichromacy



Original Color
67, 56.912, 296.821

Protanomaly
67, 54.132, 289.632

Deuteranomaly
67, 52.075, 286.815

Tritanomaly
67, 25.897, 279.699

Monochromacy



Original Color
67, 56.912, 296.821

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 21.046, 294.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.912, 296.821 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(156, 152, 255)` looks like.

```
.text, #text, p{  
    color:rgb(156, 152, 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(156, 152, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 152, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.912, 296.821 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(156, 152, 255) }
```

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

```
.border{ border-color:rgb(156, 152, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 152, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 152, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 152, 255);  
box-shadow:4px 4px 4px 4px rgb(156, 152,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.912, 296.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 152, 255) }
```

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

```
.background{ background-color: rgb(156,  
152, 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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