

Converting Colors

CIELCh(57, 95.279, 315.700)

Have a look what the booklet for
CIELCh(57, 95.279, 315.700)
contains.

CIELCh(57, 95.187, 315.602)	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(57, 95.187, 315.602)

Conversions

Conversions Part 1

Format	Color
Hex	BE57FF
RGB	190, 87, 255
RGB Percent	75%, 34%, 100%
CMY	0.2556, 0.6595, 0.0007
CMYK	0.26, 0.66, 0.00, 0.00
HSL	277°, 100%, 67%
HSV	277°, 66%, 100%
XYZ	42.6077, 24.9227, 97.0246
YIQ	136.9490, 7.4600, 74.0840

Conversions

Conversions Part 2

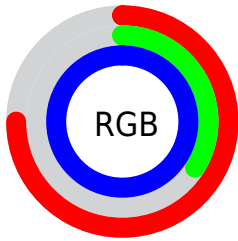
Format	Color
R_{YB}	190, 87, 255
Decimal	12474367
CIE _{Lab}	57.00, 68.01, -66.60
CIE _{LCh}	57, 95.187, 315.602
Yxy	24.9227, 0.2589, 0.1515
Android (android.graphics.Color)	4290664447 (0xFFBE57FF)
YUV	136.9490, 58.1991, 46.5257
Hunter-Lab	49.9226, 64.9807, -80.2843

Details

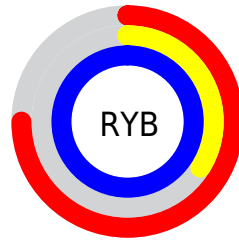
The CIELCh color **57, 95.187, 315.602** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **91, 88.998, 130.000**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 68.442, 325.457**, and **37, 95.214, 315.577** is the 20% darker color. If you saturate the color by 10%, you get **52, 106.603, 315.667**, and if you desaturate by 10%, it is **63, 81.897, 315.342**.

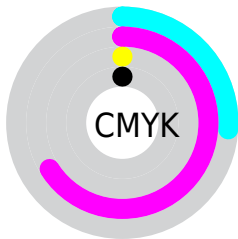
Distribution



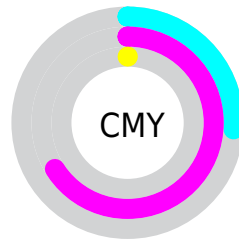
- Red (75%)
- Green (34%)
- Blue (100%)



- Red (75%)
- Yellow (34%)
- Blue (100%)



- Cyan (26%)
- Magenta (66%)
- Yellow (0%)
- Black (0%)





- Cyan (26%)
- Magenta (66%)
- Yellow (0%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 95.187, 315.602 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 57, 95.187, 315.602 by changing the saturation by 10% instead.


 57, 95.187,
315.602


 57, 95.187,
315.602


 100, 95.187,
315.602


 47, 95.187,
315.602


 77, 95.187,
315.602

 37, 95.187,
315.602

 87, 95.187,
315.602

 27, 95.187,
315.602

 97, 95.187,
315.602

 17, 95.187,
315.602

 7, 95.187, 315.602

 0, 95.187, 315.602

57, 95.187,
315.602

57, 95.187,
315.602

52, 106.603,
315.667

63, 81.897,
315.342

48, 115.263,
315.447

69, 67.530,
314.962

46, 120.515,
314.865

75, 52.675,
314.521

45, 121.945,
314.558

82, 37.727,
314.056

89, 22.932,
313.595

96, 8.430, 313.143

100, 0.077,
109.171

Harmonies

Complementary

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



57, 95.187, 315.602



91, 88.998, 130.000

Rectangle

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



57, 95.187, 315.602



57, 95.187, 5.602



57, 95.187, 135.602



57, 95.187, 185.602

Sweetspot

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



57, 95.186, 315.602



86, 28.951, 313.782



64, 57.292, 279.998



44, 19.810, 313.912



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 95.186, 315.602



51, 109.660, 315.634



65, 90.610, 331.072



49, 8.130, 313.305



33, 98.134, 314.745



7, 44.610, 316.037

Inverse Universe

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



62, 68.482, 0.155



58, 77.574, 4.316



89, 92.766, 140.875



50, 5.942, 351.053



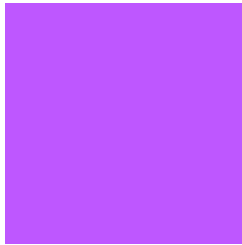
41, 68.508, 13.079



10, 31.285, 5.905

Previews

White Background



This preview shows how the CIELCh color 57, 95.187, 315.602 looks on a white background.

Color Contrast Check

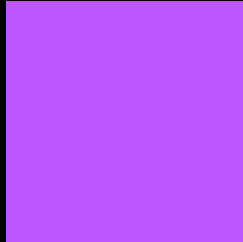
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 95.187, 315.602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

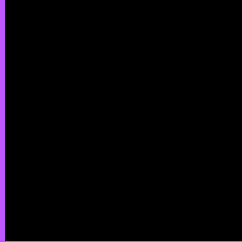
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 95.187, 315.602

Background



This preview shows how black text looks on a background with the CIELCh color 57, 95.187, 315.602.



This preview shows how white text looks on a background with the CIELCh color 57, 95.187, 315.602.

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
57, 95.187, 315.602

Protanopia
57, 69.576, 287.022

Deuteranopia
57, 61.766, 278.598



Tritanopia
57, 19.469, 4.817

Trichromacy



Original Color
57, 95.187, 315.602



Protanomaly
55, 79.106, 298.232



Deuteranomaly
54, 73.811, 292.829



Tritanomaly
56, 45.121, 326.034

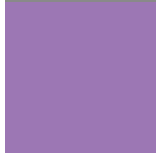
Monochromacy



Original Color
57, 95.187, 315.602



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 37.362, 314.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 95.187, 315.602 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(190, 87, 255)` looks like.

```
.text, #text, p{  
    color:rgb(190, 87, 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(190, 87, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 87, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 95.187, 315.602 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(190, 87, 255) }
```

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

```
.border{ border-color:rgb(190, 87, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 87, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 87, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 87, 255);  
box-shadow:4px 4px 4px 4px rgb(190, 87,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 95.187, 315.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 87, 255) }
```

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

```
.background{ background-color: rgb(190, 87,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor