

Converting Colors

CIELCh(57, 75.390, 324.112)

Have a look what the booklet for
CIELCh(57, 75.390, 324.112)
contains.

CIELCh(57, 75.390, 324.112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 75.390, 324.112)

Conversions

Conversions Part 1

Format	Color
Hex	CA5BD7
RGB	202, 91, 215
RGB Percent	79%, 36%, 84%
CMY	0.2081, 0.6434, 0.1571
CMYK	0.06, 0.58, 0.00, 0.16
HSL	294°, 61%, 60%
HSV	294°, 58%, 84%
XYZ	40.3337, 24.9227, 66.9337
YIQ	138.3250, 26.3520, 62.0960

Conversions

Conversions Part 2

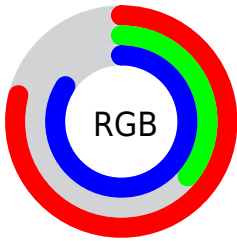
Format	Color
R_{YB}	202, 91, 215
Decimal	13261783
CIE _{Lab}	57.00, 61.08, -44.19
CIE _{LCh}	57, 75.390, 324.112
Yxy	24.9227, 0.3051, 0.1885
Android (android.graphics.Color)	4291451863 (0xFFCA5BD7)
YUV	138.3250, 37.8008, 55.8430
Hunter-Lab	49.9226, 56.8499, -44.5472

Details

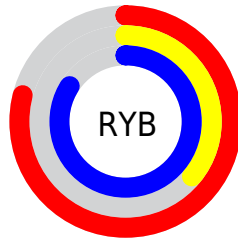
The CIELCh color **57, 75.390, 324.112** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **77, 75.108, 137.500**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 67.358, 326.728**, and **37, 75.476, 324.047** is the 20% darker color. If you saturate the color by 10%, you get **53, 85.548, 324.349**, and if you desaturate by 10%, it is **61, 63.632, 323.773**.

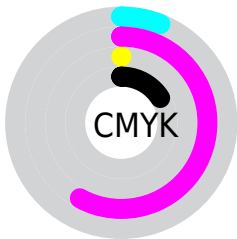
Distribution



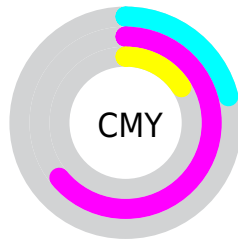
- Red (79%)
- Green (36%)
- Blue (84%)



- Red (79%)
- Yellow (36%)
- Blue (84%)



- Cyan (6%)
- Magenta (58%)
- Yellow (0%)
- Black (16%)





- Cyan (21%)
- Magenta (64%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 75.390, 324.112 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, 75.390, 324.112 by changing the saturation by 10% instead.


 57, 75.390,
324.112


 57, 75.390,
324.112


 100, 75.390,
324.112


 47, 75.390,
324.112


 77, 75.390,
324.112

 37, 75.390,
324.112

 87, 75.390,
324.112

 27, 75.390,
324.112

 97, 75.390,
324.112

 17, 75.390,
324.112

 7, 75.390, 324.112

 0, 75.390, 324.112

57, 75.390,
324.112

57, 75.390,
324.112

53, 85.548,
324.349

61, 63.632,
323.773

51, 93.552,
324.454

66, 50.835,
323.363

49, 98.983,
324.403

71, 37.464,
322.905

47, 101.830,
324.191

76, 23.874,
322.423

47, 102.324,
324.133

82, 10.312,
321.924

87, 3.058, 141.549

93, 16.136,
141.020

97, 24.072,
140.167

■ 97, 23.649,
138.582

Harmonies

Complementary

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



57, 75.390, 324.112



77, 75.108, 137.500

Rectangle

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



57, 75.390, 324.112



57, 75.390, 14.112



57, 75.390, 144.112



57, 75.390, 194.112

Sweetspot

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



57, 75.388, 324.112



89, 26.351, 322.397



49, 64.031, 294.687



46, 17.641, 322.497



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, 75.388, 324.112



62, 99.345, 324.381



57, 59.500, 343.288



42, 7.600, 322.012



37, 86.217, 324.195



5, 32.267, 324.292

Inverse Universe

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



55, 52.808, 19.354



60, 72.989, 23.109



78, 58.474, 151.792



42, 4.585, 11.476



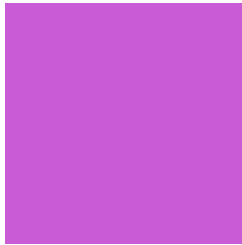
35, 73.014, 35.320



5, 21.969, 15.091

Previews

White Background



This preview shows how the CIELCh color 57, 75.390, 324.112 looks on a white background.

Color Contrast Check

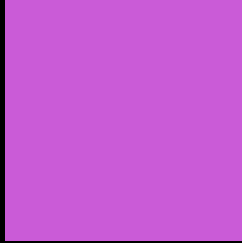
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 57, 75.390, 324.112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

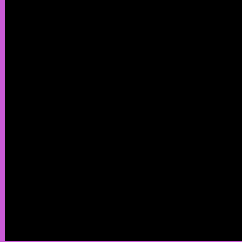
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 75.390, 324.112

Background



This preview shows how black text looks on a background with the CIELCh color 57, 75.390, 324.112.

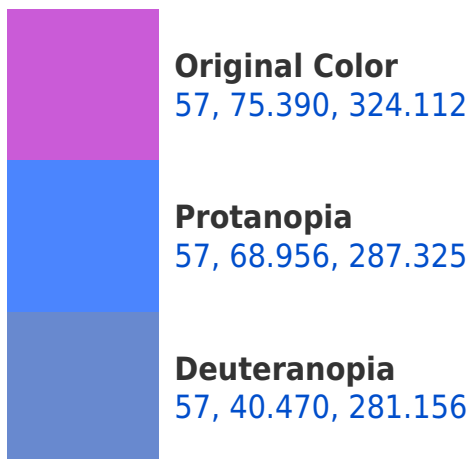


This preview shows how white text looks on a background with the CIELCh color 57, 75.390, 324.112.

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
57, 31.137, 14.963

Trichromacy



Original Color
57, 75.390, 324.112



Protanomaly
55, 69.656, 298.324



Deuteranomaly
56, 52.007, 302.557



Tritanomaly
57, 42.649, 343.955

Monochromacy



Original Color
57, 75.390, 324.112



Achromatopsia
57, 0.007, 296.813



Achromatomaly
56, 29.675, 322.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 75.390, 324.112 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(202, 91, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 91, 215)  
}
```

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(202, 91, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 91, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 75.390, 324.112 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(202, 91, 215) }
```

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

```
.border{ border-color:rgb(202, 91, 215) }
```

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

Here you see how a box with a 4 pixel rgb(202, 91, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 91, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 91, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 91,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 75.390, 324.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 91, 215) }
```

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

```
.background{ background-color: rgb(202, 91,  
215) }
```

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