

Converting Colors

CIELCh(57, 64.731, 324.301)

Have a look what the booklet for
CIELCh(57, 64.731, 324.301)
contains.

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Color

CIELCh(57, 64.501, 324.414)

Conversions

Conversions Part 1

Format	Color
Hex	C264CB
RGB	194, 100, 203
RGB Percent	76%, 39%, 80%
CMY	0.2389, 0.6075, 0.2036
CMYK	0.04, 0.51, 0.00, 0.20
HSL	295°, 50%, 59%
HSV	295°, 51%, 80%
XYZ	37.6199, 24.9227, 59.3746
YIQ	139.8480, 22.9610, 51.9610

Conversions

Conversions Part 2

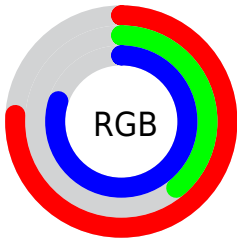
Format	Color
RYB	194, 100, 203
Decimal	12739787
CIELab	57.00, 52.45, -37.53
CIELCh	57, 64.501, 324.414
Yxy	24.9227, 0.3086, 0.2044
Android (android.graphics.Color)	4290929867 (0xFFC264CB)
YUV	139.8480, 31.1339, 47.4913
Hunter-Lab	49.9226, 47.1466, -35.5697

Details

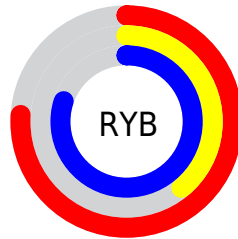
The CIELCh color **57, 64.501, 324.414** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74, 64.266, 138.502**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 62.276, 325.703**, and **37, 64.462, 324.555** is the 20% darker color. If you saturate the color by 10%, you get **53, 75.306, 324.737**, and if you desaturate by 10%, it is **61, 52.523, 324.013**.

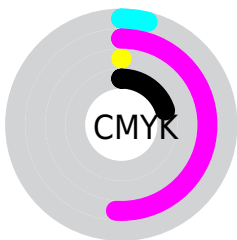
Distribution



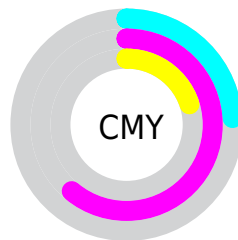
- Red (76%)
- Green (39%)
- Blue (80%)



- Red (76%)
- Yellow (39%)
- Blue (80%)



- Cyan (4%)
- Magenta (51%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (61%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 64.501, 324.414 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, 64.501, 324.414 by changing the saturation by 10% instead.


 57, 64.501,
324.414

 57, 64.501,
324.414


 100, 64.501,
324.414

 47, 64.501,
324.414


 77, 64.501,
324.414

 37, 64.501,
324.414

 87, 64.501,
324.414

 27, 64.501,
324.414

 97, 64.501,
324.414

 17, 64.501,
324.414

 7, 64.501, 324.414

 0, 64.501, 324.414

57, 64.501,
324.414

57, 64.501,
324.414

53, 75.306,
324.737

61, 52.523,
324.013

50, 84.412,
324.956

66, 39.855,
323.561

48, 91.319,
325.044

71, 26.867,
323.077

46, 95.721,
324.984

76, 13.831,
322.577


45, 97.894,
324.814

81, 0.929, 321.846

87, 11.721,
141.647

92, 24.053,
141.178

96, 31.500,
140.563

 96, 31.157,
139.641

Harmonies

Complementary

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



57, 64.501, 324.414



74, 64.266, 138.502

Rectangle

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



57, 64.501, 324.414



57, 64.501, 14.414



57, 64.501, 144.414



57, 64.501, 194.414

Sweetspot

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



57, 64.499, 324.414



90, 23.343, 322.803



50, 54.093, 293.735



47, 15.943, 322.910



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, 64.499, 324.414



66, 90.692, 324.767



57, 50.349, 343.299



40, 7.339, 322.509



37, 84.171, 324.862



4, 28.161, 324.114

Inverse Universe

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



55, 44.039, 18.884



63, 64.717, 21.761



74, 49.079, 153.543



40, 4.391, 12.869



34, 72.059, 36.112



4, 17.979, 15.106

Previews

White Background



This preview shows how the CIELCh color 57, 64.501, 324.414 looks on a white background.

Color Contrast Check

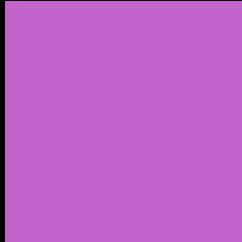
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.501, 324.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

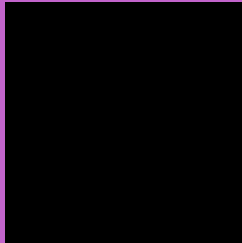
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 64.501, 324.414

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.501, 324.414.

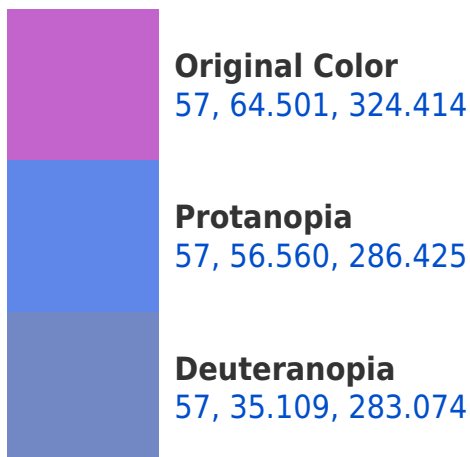


This preview shows how white text looks on a background with the CIELCh color 57, 64.501, 324.414.

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, 27.275, 12.035

Trichromacy



Original Color
57, 64.501, 324.414



Protanomaly
56, 57.246, 298.991



Deuteranomaly
56, 44.102, 303.340



Tritanomaly
57, 37.434, 343.921

Monochromacy



Original Color
57, 64.501, 324.414



Achromatopsia
58, 0.007, 296.813



Achromatomaly
57, 25.347, 323.432

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.501, 324.414 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(194, 100, 203)` looks like.

```
.text, #text, p{  
    color:rgb(194, 100, 203)  
}
```

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(194, 100, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 100, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.501, 324.414 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(194, 100, 203) }
```

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

```
.border{ border-color:rgb(194, 100, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 100, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 100, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 100, 203);  
box-shadow:4px 4px 4px 4px rgb(194, 100,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.501, 324.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 100, 203) }
```

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

```
.background{ background-color: rgb(194,  
100, 203) }
```

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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