

Converting Colors

CIELCh(57, 65.171, 320.955)

Have a look what the booklet for
CIELCh(57, 65.171, 320.955)
contains.

CIELCh(57, 64.904, 321.005)	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, 64.904, 321.005)

Conversions

Conversions Part 1

Format	Color
Hex	BC67D1
RGB	188, 103, 209
RGB Percent	74%, 40%, 82%
CMY	0.2635, 0.5968, 0.1812
CMYK	0.10, 0.51, 0.00, 0.18
HSL	288°, 53%, 61%
HSV	288°, 51%, 82%
XYZ	37.0049, 24.9227, 63.0523
YIQ	140.4990, 16.6340, 50.9860

Conversions

Conversions Part 2

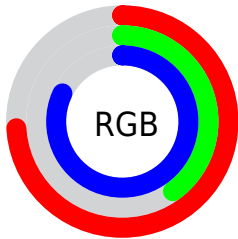
Format	Color
R _Y B	188, 103, 209
Decimal	12347345
CIE Lab	57.00, 50.44, -40.84
CIE LCh	57, 64.904, 321.005
Yxy	24.9227, 0.2961, 0.1994
Android (android.graphics.Color)	4290537425 (0xFFBC67D1)
YUV	140.4990, 33.7710, 41.6584
Hunter-Lab	49.9226, 44.9476, -39.9375

Details

The CIELCh color **57, 64.904, 321.005** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 63.673, 135.893**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 59.669, 323.802**, and **37, 65.100, 320.952** is the 20% darker color. If you saturate the color by 10%, you get **53, 76.234, 321.278**, and if you desaturate by 10%, it is **62, 52.587, 320.643**.

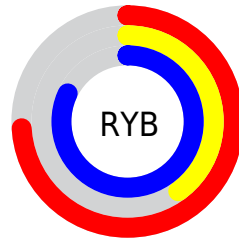
Distribution



Red (74%)

Green (40%)

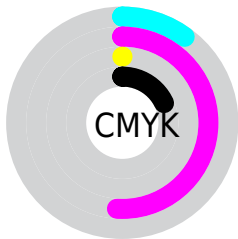
Blue (82%)



Red (74%)

Yellow (40%)

Blue (82%)

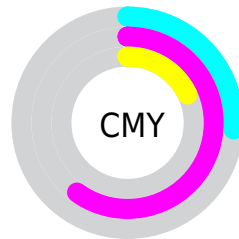


Cyan (10%)

Magenta (51%)

Yellow (0%)

Black (18%)



Cyan (26%)


Magenta (60%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 64.904, 321.005 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, 64.904, 321.005 by changing the saturation by 10% instead.


 57, 64.904,
321.005


 57, 64.904,
321.005


 100, 64.904,
321.005


 47, 64.904,
321.005


 77, 64.904,
321.005

 37, 64.904,
321.005

 87, 64.904,
321.005

 27, 64.904,
321.005

 97, 64.904,
321.005

 17, 64.904,
321.005

 7, 64.904, 321.005

 0, 64.904, 321.005

57, 64.904,
321.005

57, 64.904,
321.005

53, 76.234,
321.278

62, 52.587,
320.643

49, 86.014,
321.418

67, 39.749,
320.226

46, 93.650,
321.381

72, 26.727,
319.782

44, 98.692,
321.126

78, 13.751,
319.326

43, 101.288,
320.712

83, 0.968, 318.678

89, 11.534,
138.496

95, 23.708,
138.087

97, 26.631,
136.087

■ 97, 25.944,
133.282

Harmonies

Complementary

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



57, 64.904, 321.005



77, 63.673, 135.893

Rectangle

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



57, 64.904, 321.005



57, 64.904, 11.005



57, 64.904, 141.005



57, 64.904, 191.005

Sweetspot

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



57, 64.902, 321.005



90, 22.629, 319.528



54, 48.902, 288.947



47, 15.463, 319.625



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, 64.902, 321.005



63, 89.799, 321.297



58, 54.858, 338.256



41, 7.252, 319.263



34, 86.233, 320.817



4, 29.340, 320.229

Inverse Universe

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



57, 44.628, 10.510



63, 63.178, 13.349



76, 54.460, 149.462



41, 4.607, 4.202



35, 67.916, 29.177



4, 20.209, 10.293

Previews

White Background



This preview shows how the CIELCh color 57, 64.904, 321.005 looks on a white background.

Color Contrast Check

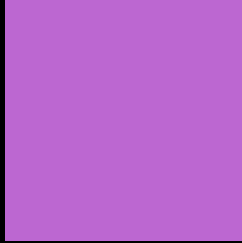
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.904, 321.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

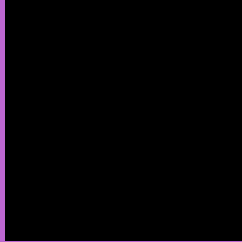
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 64.904, 321.005

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.904, 321.005.

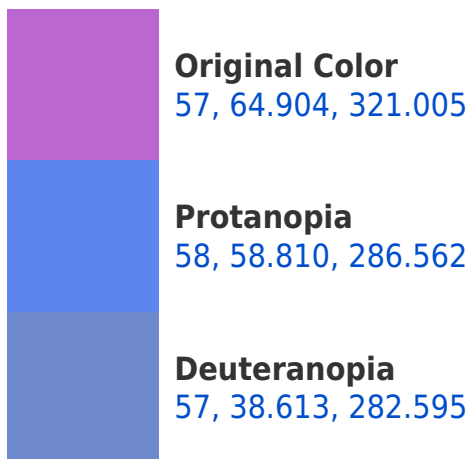


This preview shows how white text looks on a background with the CIELCh color 57, 64.904, 321.005.

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, 23.065, 9.451

Trichromacy



Original Color
57, 64.904, 321.005

Protanomaly
56, 59.377, 297.709

Deuteranomaly
56, 46.640, 300.651

Tritanomaly
57, 35.016, 338.457

Monochromacy



Original Color
57, 64.904, 321.005

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 25.114, 319.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.904, 321.005 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(188, 103, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 103, 209)  
}
```

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(188, 103, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 103, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.904, 321.005 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(188, 103, 209) }
```

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

```
.border{ border-color:rgb(188, 103, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 103, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 103, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 103, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 103,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.904, 321.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 103, 209) }
```

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

```
.background{ background-color: rgb(188,  
103, 209) }
```

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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