

Converting Colors

CIELCh(57, 50.914, 329.118)

Have a look what the booklet for
CIELCh(57, 50.914, 329.118)
contains.

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Color

CIELCh(57, 51.223, 329.285)

Conversions

Conversions Part 1

Format	Color
Hex	BE6BB7
RGB	190, 107, 183
RGB Percent	75%, 42%, 72%
CMY	0.2545, 0.5800, 0.2819
CMYK	0.00, 0.44, 0.04, 0.25
HSL	305°, 39%, 58%
HSV	305°, 44%, 75%
XYZ	35.0910, 24.9227, 47.8207
YIQ	140.4810, 25.0720, 41.2320

Conversions

Conversions Part 2

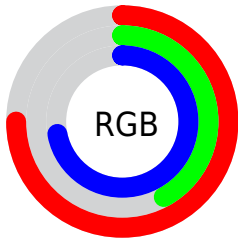
Format	Color
R_{YB}	190, 107, 183
Decimal	12479415
CIE _{Lab}	57.00, 44.04, -26.16
CIE _{LCh}	57, 51.223, 329.285
Yxy	24.9227, 0.3254, 0.2311
Android (android.graphics.Color)	4290669495 (0xFFBE6BB7)
YUV	140.4810, 20.9619, 43.4282
Hunter-Lab	49.9226, 38.1044, -21.8479

Details

The CIELCh color $57, 51.223, 329.285$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $70, 51.367, 143.321$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 50.894, 329.446$, and $37, 51.083, 329.288$ is the 20% darker color. If you saturate the color by 10%, you get $53, 61.649, 329.825$, and if you desaturate by 10%, it is $61, 39.924, 328.722$.

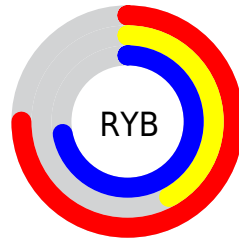
Distribution



Red (75%)

Green (42%)

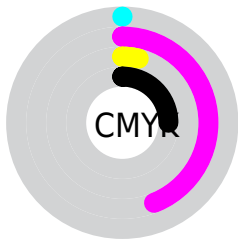
Blue (72%)



Red (75%)

Yellow (42%)

Blue (72%)

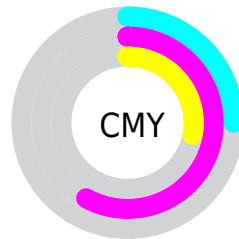


Cyan (0%)

Magenta (44%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (58%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 51.223, 329.285 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, 51.223, 329.285 by changing the saturation by 10% instead.


 57, 51.223,
329.285


 57, 51.223,
329.285


 100, 51.223,
329.285


 47, 51.223,
329.285


 77, 51.223,
329.285

 37, 51.223,
329.285

 87, 51.223,
329.285

 27, 51.223,
329.285

 97, 51.223,
329.285

 17, 51.223,
329.285

 7, 51.223, 329.285

 0, 51.223, 329.285

57, 51.223,
329.285

57, 51.223,
329.285

53, 61.649,
329.825

61, 39.924,
328.722

50, 70.741,
330.334

66, 28.156,
328.146

48, 78.017,
330.807

70, 16.217,
327.564

46, 83.094,
331.245

75, 4.322, 326.949

45, 85.830,
331.657


80, 7.389, 146.491

44, 86.723,
331.912

85, 18.830,
145.932

90, 29.953,
145.411

95, 38.237,
145.184

 95, 37.576,
145.916

Harmonies

Complementary

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



57, 51.223, 329.285



70, 51.367, 143.321

Rectangle

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



57, 51.223, 329.285



57, 51.223, 19.285



57, 51.223, 149.285



57, 51.223, 199.285

Sweetspot

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



57, 51.221, 329.285



89, 19.107, 327.537



49, 48.737, 298.516



47, 13.492, 327.668



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



57, 51.221, 329.285



69, 74.138, 329.782



56, 37.571, 353.311



37, 6.672, 327.309



37, 75.729, 331.857



3, 19.777, 328.611

Inverse Universe

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



57, 51.221, 329.285



69, 74.138, 329.782



71, 34.754, 163.871



37, 6.672, 327.309



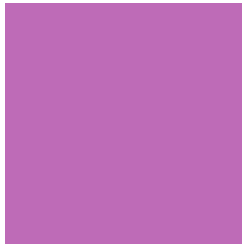
37, 75.729, 331.857



3, 19.777, 328.611

Previews

White Background



This preview shows how the CIELCh color 57, 51.223, 329.285 looks on a white background.

Color Contrast Check

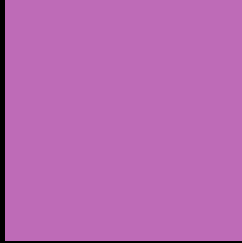
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.223, 329.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

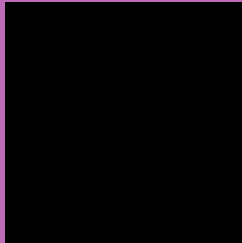
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 51.223, 329.285

Background



This preview shows how black text looks on a background with the CIELCh color 57, 51.223, 329.285.

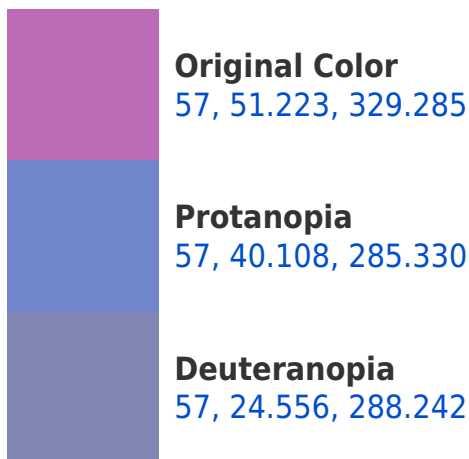


This preview shows how white text looks on a background with the CIELCh color 57, 51.223, 329.285.

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, 26.863, 11.811

Trichromacy



Original Color
57, 51.223, 329.285



Protanomaly
56, 41.634, 301.867



Deuteranomaly
57, 32.869, 309.637



Tritanomaly
57, 33.095, 349.470

Monochromacy



Original Color
57, 51.223, 329.285



Achromatopsia
59, 0.008, 296.813



Achromatomaly
58, 19.190, 328.333

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 51.223, 329.285 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, 107, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 107, 183)  
}
```

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, 107, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 107, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 51.223, 329.285 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, 107, 183) }
```

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

```
.border{ border-color:rgb(190, 107, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 107, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 107, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 107, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 107,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 51.223, 329.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 107, 183) }
```

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

```
.background{ background-color: rgb(190,  
107, 183) }
```

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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