

Converting Colors

CIELCh(57, 50.650, 326.624)

Have a look what the booklet for
CIELCh(57, 50.650, 326.624)
contains.

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Color

CIELCh(57, 50.650, 326.624)

Conversions

Conversions Part 1

Format	Color
Hex	BA6DBA
RGB	186, 109, 186
RGB Percent	73%, 43%, 73%
CMY	0.2706, 0.5725, 0.2706
CMYK	0.00, 0.41, 0.00, 0.27
HSL	300°, 36%, 58%
HSV	300°, 41%, 73%
XYZ	34.5826, 24.9227, 49.4440
YIQ	140.8010, 21.1750, 40.2710

Conversions

Conversions Part 2

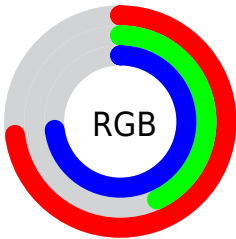
Format	Color
RYB	186, 109, 186
Decimal	12217786
CIELab	57.00, 42.30, -27.86
CIELCh	57, 50.650, 326.624
Yxy	24.9227, 0.3174, 0.2288
Android (android.graphics.Color)	4290407866 (0xFFBA6DBA)
YUV	140.8010, 22.2831, 39.6395
Hunter-Lab	49.9226, 36.2866, -23.7758

Details

The CIELCh color $57, 50.650, 326.624$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $69, 50.764, 141.301$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 50.653, 326.594$, and $37, 50.823, 326.412$ is the 20% darker color. If you saturate the color by 10%, you get $53, 61.724, 327.081$, and if you desaturate by 10%, it is $61, 38.775, 326.123$.

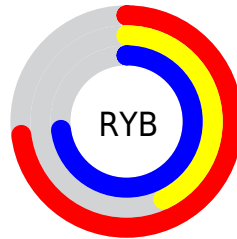
Distribution



Red (73%)

Green (43%)

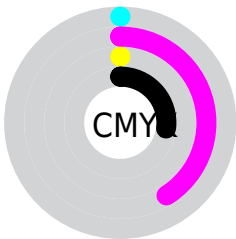
Blue (73%)



Red (73%)

Yellow (43%)

Blue (73%)

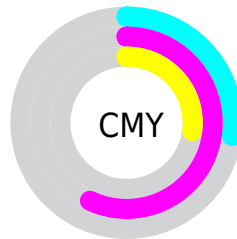


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (57%)


Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 50.650, 326.624 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, 50.650, 326.624 by changing the saturation by 10% instead.

 57, 50.650,
326.624

 57, 50.650,
326.624

 100, 50.650,
326.624


 47, 50.650,
326.624

 77, 50.650,
326.624

 37, 50.650,
326.624

 87, 50.650,
326.624

 27, 50.650,
326.624

 97, 50.650,
326.624

 17, 50.650,
326.624

 7, 50.650, 326.624

 0, 50.650, 326.624

57, 50.650,
326.624

57, 50.650,
326.624

53, 61.724,
327.081

61, 38.775,
326.123

50, 71.553,
327.476

65, 26.483,
325.592

48, 79.667,
327.794

70, 14.062,
325.043

46, 85.677,
328.025

75, 1.716, 324.376

45, 89.405,
328.166


80, 10.419,
144.008

44, 91.175,
328.233

85, 22.259,
143.478

90, 33.759,
142.978

94, 43.240,
142.575

 94, 43.240,
142.575

Harmonies

Complementary

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



57, 50.650, 326.624



69, 50.764, 141.301

Rectangle

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



57, 50.650, 326.624



57, 50.650, 16.624



57, 50.650, 146.624



57, 50.650, 196.624

Sweetspot

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



57, 50.648, 326.624



88, 18.361, 325.088



49, 45.160, 295.741



47, 12.285, 325.160



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 50.648, 326.624



69, 74.525, 327.056



56, 36.546, 347.768



36, 6.910, 324.927



37, 79.889, 328.233



3, 18.823, 324.744

Inverse Universe

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



57, 50.648, 326.624



69, 74.525, 327.056



70, 34.826, 159.567



36, 6.910, 324.927



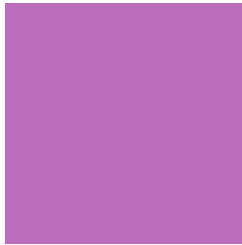
37, 79.889, 328.233



3, 18.823, 324.744

Previews

White Background



This preview shows how the CIELCh color 57, 50.650, 326.624 looks on a white background.

Color Contrast Check

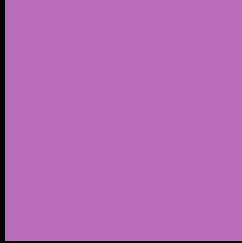
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.650, 326.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

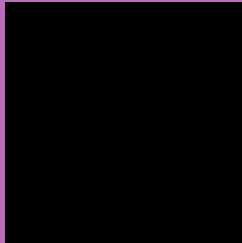
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 50.650, 326.624

Background



This preview shows how black text looks on a background with the CIELCh color 57, 50.650, 326.624.

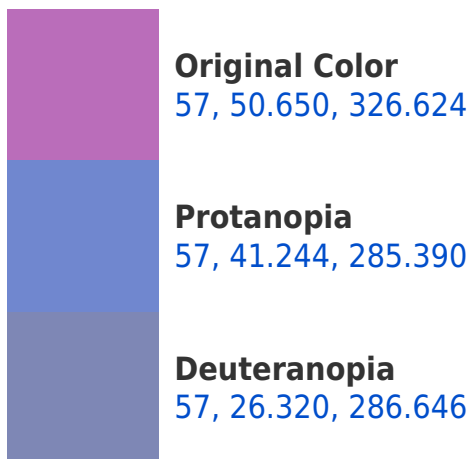


This preview shows how white text looks on a background with the CIELCh color 57, 50.650, 326.624.

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, 24.324, 10.297

Trichromacy



Original Color
57, 50.650, 326.624



Protanomaly
57, 42.048, 300.475



Deuteranomaly
57, 33.598, 306.785



Tritanomaly
57, 31.171, 346.615

Monochromacy



Original Color
57, 50.650, 326.624



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 19.214, 325.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 50.650, 326.624 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(186, 109, 186)` looks like.

```
.text, #text, p{  
    color:rgb(186, 109, 186)  
}
```

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(186, 109, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 109, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 50.650, 326.624 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(186, 109, 186) }
```

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

```
.border{ border-color:rgb(186, 109, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 109, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 109, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 109, 186);  
box-shadow:4px 4px 4px 4px rgb(186, 109,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 50.650, 326.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 109, 186) }
```

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

```
.background{ background-color: rgb(186,  
109, 186) }
```

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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