

Converting Colors

CIELCh(51, 62.217, 325.513)

Have a look what the booklet for
CIELCh(51, 62.217, 325.513)
contains.

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Color

CIELCh(51, 62.067, 325.589)

Conversions

Conversions Part 1

Format	Color
Hex	B155B6
RGB	177, 85, 182
RGB Percent	69%, 33%, 71%
CMY	0.3053, 0.6661, 0.2857
CMYK	0.03, 0.53, 0.00, 0.29
HSL	297°, 40%, 52%
HSV	297°, 53%, 71%
XYZ	29.8855, 19.2686, 46.4819
YIQ	123.5660, 23.6950, 49.6710

Conversions

Conversions Part 2

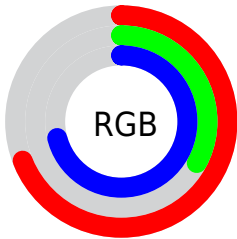
Format	Color
RYB	177, 85, 182
Decimal	11621814
CIELab	51.00, 51.21, -35.08
CIElCh	51, 62.067, 325.589
Yxy	19.2686, 0.3125, 0.2015
Android (android.graphics.Color)	4289811894 (0xFFB155B6)
YUV	123.5660, 28.8080, 46.8616
Hunter-Lab	43.8960, 44.7091, -32.0554

Details

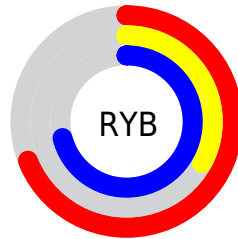
The CIELCh color **51, 62.067, 325.589** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67, 62.147, 139.052**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 61.695, 325.772**, and **31, 62.294, 325.546** is the 20% darker color. If you saturate the color by 10%, you get **48, 71.582, 325.920**, and if you desaturate by 10%, it is **55, 51.325, 325.183**.

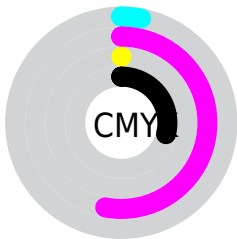
Distribution



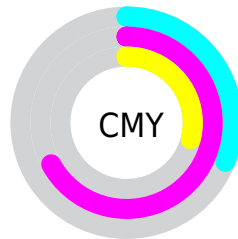
- Red (69%)
- Green (33%)
- Blue (71%)



- Red (69%)
- Yellow (33%)
- Blue (71%)



- Cyan (3%)
- Magenta (53%)
- Yellow (0%)
- Black (29%)





- Cyan (31%)
- Magenta (67%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 62.067, 325.589 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 51, 62.067, 325.589 by changing the saturation by 10% instead.


 51, 62.067,
325.589


 51, 62.067,
325.589


 100, 62.067,
325.589


 41, 62.067,
325.589


 71, 62.067,
325.589

 31, 62.067,
325.589

 81, 62.067,
325.589

 21, 62.067,
325.589

 91, 62.067,
325.589

 11, 62.067,
325.589

 1, 62.067, 325.589

 0, 62.067, 325.589

51, 62.067,
325.589

51, 62.067,
325.589

48, 71.582,
325.920

55, 51.325,
325.183

45, 79.403,
326.153

59, 39.810,
324.724

43, 85.132,
326.272

63, 27.890,
324.230

42, 88.586,
326.267

68, 15.844,
323.718

42, 90.012,
326.215

73, 3.867, 323.164

77, 7.912, 142.752

82, 19.414,
142.251

87, 30.597,
141.785

 92, 41.441,
141.345

Harmonies

Complementary

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



51, 62.067, 325.589



67, 62.147, 139.052

Rectangle

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



51, 62.067, 325.589



51, 62.067, 15.589



51, 62.067, 145.589



51, 62.067, 195.589

Sweetspot

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



51, 62.065, 325.589



84, 23.735, 323.874



43, 54.298, 295.585



44, 16.167, 323.979



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



51, 62.065, 325.589



61, 89.140, 325.970



50, 47.246, 345.438



36, 6.801, 323.512



35, 80.104, 326.239



3, 18.343, 322.556

Inverse Universe

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



49, 42.877, 22.029



57, 65.056, 25.197



67, 45.691, 154.742



36, 4.008, 15.745



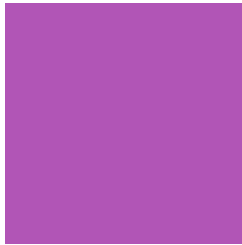
32, 69.938, 37.498



2, 10.662, 16.272

Previews

White Background



This preview shows how the CIELCh color 51, 62.067, 325.589 looks on a white background.

Color Contrast Check

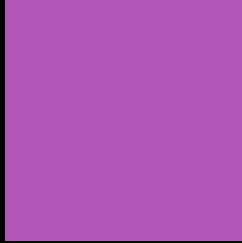
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 62.067, 325.589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

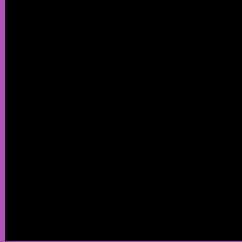
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 62.067, 325.589

Background



This preview shows how black text looks on a background with the CIELCh color 51, 62.067, 325.589.

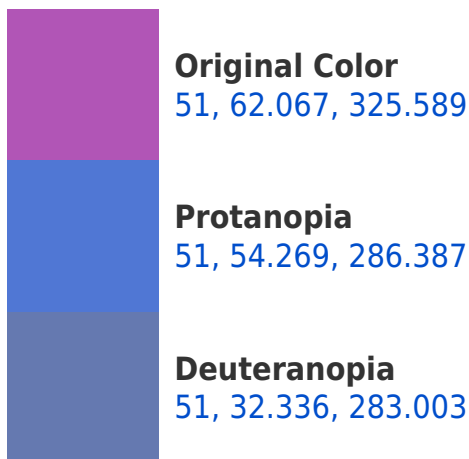


This preview shows how white text looks on a background with the CIELCh color 51, 62.067, 325.589.

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
51, 27.931, 13.718

Trichromacy



Original Color
51, 62.067, 325.589



Protanomaly
50, 54.976, 299.083



Deuteranomaly
50, 41.632, 304.590



Tritanomaly
51, 36.467, 345.621

Monochromacy



Original Color
51, 62.067, 325.589



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 23.998, 324.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 62.067, 325.589 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(177, 85, 182)` looks like.

```
.text, #text, p{  
    color:rgb(177, 85, 182)  
}
```

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(177, 85, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 85, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 62.067, 325.589 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(177, 85, 182) }
```

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

```
.border{ border-color:rgb(177, 85, 182) }
```

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

Here you see how a box with a 4 pixel rgb(177, 85, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 85, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 85, 182);  
box-shadow:4px 4px 4px 4px rgb(177, 85,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 62.067, 325.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 85, 182) }
```

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

```
.background{ background-color: rgb(177, 85,  
182) }
```

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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