

Converting Colors

CIELCh(51, 65.612, 327.799)

Have a look what the booklet for
CIELCh(51, 65.612, 327.799)
contains.

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Color

CIELCh(51, 65.530, 327.867)

Conversions

Conversions Part 1

Format	Color
Hex	B850B6
RGB	184, 80, 182
RGB Percent	72%, 31%, 71%
CMY	0.2789, 0.6867, 0.2867
CMYK	0.00, 0.57, 0.01, 0.28
HSL	301°, 42%, 52%
HSV	301°, 57%, 72%
XYZ	31.0300, 19.2686, 46.2774
YIQ	122.7240, 29.2420, 53.7700

Conversions

Conversions Part 2

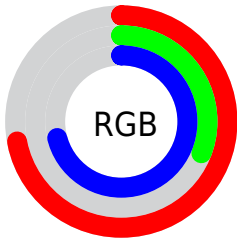
Format	Color
R_{YB}	184, 80, 182
Decimal	12079286
CIE _{Lab}	51.00, 55.49, -34.85
CIE _{LCh}	51, 65.530, 327.867
Yxy	19.2686, 0.3213, 0.1995
Android (android.graphics.Color)	4290269366 (0xFFB850B6)
YUV	122.7240, 29.2231, 53.7391
Hunter-Lab	43.8960, 49.3634, -31.7793

Details

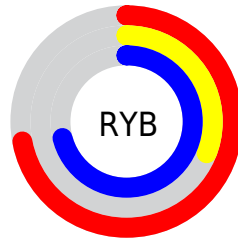
The CIELCh color **51, 65.530, 327.867** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **67, 66.138, 140.146**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 65.571, 327.894**, and **31, 65.708, 327.718** is the 20% darker color. If you saturate the color by 10%, you get **48, 74.332, 328.253**, and if you desaturate by 10%, it is **54, 55.259, 327.419**.

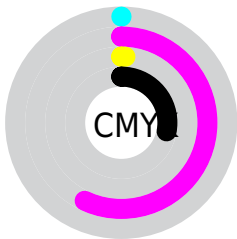
Distribution



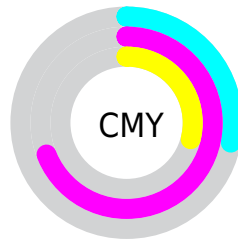
- Red (72%)
- Green (31%)
- Blue (71%)



- Red (72%)
- Yellow (31%)
- Blue (71%)



- Cyan (0%)
- Magenta (57%)
- Yellow (1%)
- Black (28%)





- Cyan (28%)
- Magenta (69%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 65.530, 327.867 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, 65.530, 327.867 by changing the saturation by 10% instead.


 51, 65.530,
327.867


 51, 65.530,
327.867


 100, 65.530,
327.867


 41, 65.530,
327.867


 71, 65.530,
327.867

 31, 65.530,
327.867

 81, 65.530,
327.867

 21, 65.530,
327.867

 91, 65.530,
327.867

 11, 65.530,
327.867

 1, 65.530, 327.867

 0, 65.530, 327.867

51, 65.530,
327.867

51, 65.530,
327.867

48, 74.332,
328.253

54, 55.259,
327.419

46, 81.232,
328.566

58, 43.990,
326.924

45, 85.926,
328.800

62, 32.134,
326.396

44, 88.422,
328.960

67, 20.019,
325.848

43, 89.053,
329.008

72, 7.886, 325.281

76, 4.099, 144.831

81, 15.834,
144.257

86, 27.256,
143.741

■ 91, 38.336,
143.251

Harmonies

Complementary

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



51, 65.530, 327.867



67, 66.138, 140.146

Rectangle

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



51, 65.530, 327.867



51, 65.530, 17.867



51, 65.530, 147.867



51, 65.530, 197.867

Sweetspot

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



51, 65.528, 327.867



85, 25.507, 325.889



40, 62.992, 299.111



44, 17.059, 325.998



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, 65.528, 327.867



62, 93.099, 328.341



49, 48.056, 351.055



36, 6.821, 325.443



37, 78.715, 328.998



3, 18.462, 325.461

Inverse Universe

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



51, 65.528, 327.867



62, 93.099, 328.341



68, 45.166, 158.365



36, 6.821, 325.443



37, 78.715, 328.998



3, 18.462, 325.461

Previews

White Background



This preview shows how the CIELCh color 51, 65.530, 327.867 looks on a white background.

Color Contrast Check

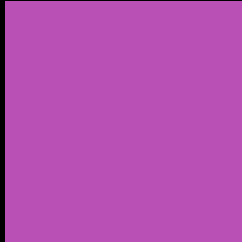
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 65.530, 327.867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

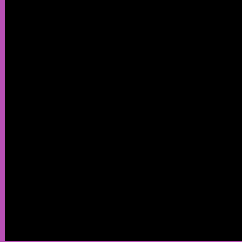
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 65.530, 327.867

Background



This preview shows how black text looks on a background with the CIELCh color 51, 65.530, 327.867.

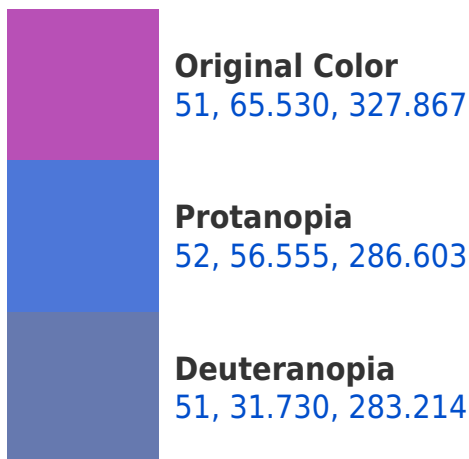


This preview shows how white text looks on a background with the CIELCh color 51, 65.530, 327.867.

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, 32.361, 16.734

Trichromacy



Original Color
51, 65.530, 327.867



Protanomaly
50, 57.945, 300.078



Deuteranomaly
50, 43.097, 306.628



Tritanomaly
51, 40.087, 349.694

Monochromacy



Original Color
51, 65.530, 327.867



Achromatopsia
52, 0.007, 296.813



Achromatomaly
50, 26.006, 326.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 65.530, 327.867 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(184, 80, 182)` looks like.

```
.text, #text, p{  
    color:rgb(184, 80, 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(184, 80, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 80, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 65.530, 327.867 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(184, 80, 182) }
```

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

```
.border{ border-color:rgb(184, 80, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 80, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 80, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 80, 182);  
box-shadow:4px 4px 4px 4px rgb(184, 80,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 65.530, 327.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 80, 182) }
```

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

```
.background{ background-color: rgb(184, 80,  
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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