

Converting Colors

CIELCh(51, 70.052, 327.703)

Have a look what the booklet for
CIELCh(51, 70.052, 327.703)
contains.

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Color

CIELCh(51, 70.060, 327.691)

Conversions

Conversions Part 1

Format	Color
Hex	BB4BBA
RGB	187, 75, 186
RGB Percent	73%, 29%, 73%
CMY	0.2650, 0.7043, 0.2690
CMYK	0.00, 0.60, 0.01, 0.27
HSL	301°, 45%, 52%
HSV	301°, 60%, 73%
XYZ	32.0472, 19.2686, 48.7115
YIQ	121.1420, 31.1210, 58.2650

Conversions

Conversions Part 2

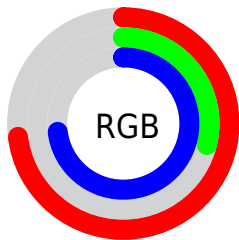
Format	Color
R_{YB}	187, 75, 186
Decimal	12274618
CIE _{Lab}	51.00, 59.21, -37.45
CIE _{LCh}	51, 70.060, 327.691
Yxy	19.2686, 0.3204, 0.1926
Android (android.graphics.Color)	4290464698 (0xFFBB4BBA)
YUV	121.1420, 31.9750, 57.7575
Hunter-Lab	43.8960, 53.4994, -35.0670

Details

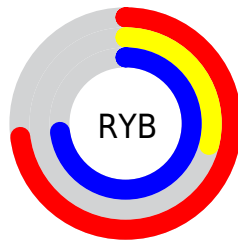
The CIELCh color **51, 70.060, 327.691** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **68, 70.824, 139.521**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 70.390, 327.686**, and **31, 69.864, 327.887** is the 20% darker color. If you saturate the color by 10%, you get **48, 78.471, 328.037**, and if you desaturate by 10%, it is **54, 59.995, 327.274**.

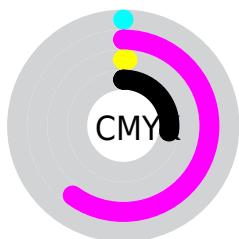
Distribution



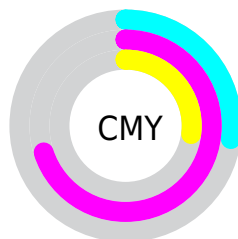
- Red (73%)
- Green (29%)
- Blue (73%)



- Red (73%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (1%)
- Black (27%)





- Cyan (27%)
- Magenta (70%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 70.060, 327.691 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, 70.060, 327.691 by changing the saturation by 10% instead.


 51, 70.060,
327.691


 51, 70.060,
327.691


 100, 70.060,
327.691


 41, 70.060,
327.691


 71, 70.060,
327.691

 31, 70.060,
327.691

 81, 70.060,
327.691

 21, 70.060,
327.691

 91, 70.060,
327.691

 11, 70.060,
327.691

 1, 70.060, 327.691

 0, 70.060, 327.691

51, 70.060,
327.691

51, 70.060,
327.691

48, 78.471,
328.037

54, 59.995,
327.274

46, 84.820,
328.302

58, 48.759,
326.801

45, 88.880,
328.482

62, 36.791,
326.288

44, 90.998,
328.593

67, 24.459,
325.750

44, 91.043,
328.596

71, 12.037,
325.194

76, 0.283, 145.547

81, 12.374,
144.158

86, 24.162,
143.633

■ 91, 35.605,
143.136

Harmonies

Complementary

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



51, 70.060, 327.691



68, 70.824, 139.521

Rectangle

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



51, 70.060, 327.691



51, 70.060, 17.691



51, 70.060, 147.691



51, 70.060, 197.691

Sweetspot

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



51, 70.058, 327.691



86, 27.668, 325.669



38, 68.023, 299.459



44, 19.227, 325.829



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



51, 70.058, 327.691



62, 98.860, 328.138



49, 51.554, 350.550



37, 7.025, 325.171



37, 80.284, 328.591



3, 21.301, 325.766

Inverse Universe

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



51, 70.058, 327.691



62, 98.860, 328.138



69, 48.809, 156.993



37, 7.025, 325.171



37, 80.284, 328.591



3, 21.301, 325.766

Previews

White Background



This preview shows how the CIELCh color 51, 70.060, 327.691 looks on a white background.

Color Contrast Check

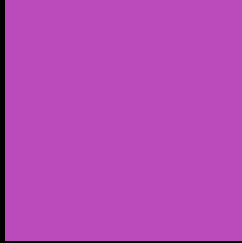
Large Text (above 18pt) WCAG AA ✓ Pass

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, 70.060, 327.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

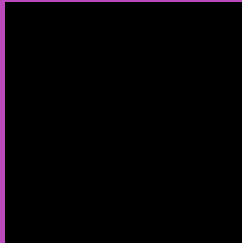
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 70.060, 327.691

Background



This preview shows how black text looks on a background with the CIELCh color 51, 70.060, 327.691.

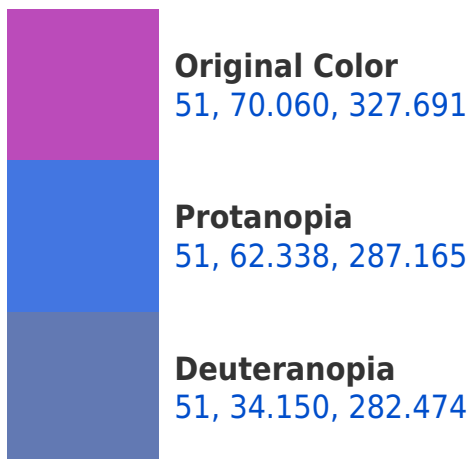


This preview shows how white text looks on a background with the CIELCh color 51, 70.060, 327.691.

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, 34.605, 17.578

Trichromacy



Original Color
51, 70.060, 327.691



Protanomaly
49, 63.140, 299.553



Deuteranomaly
50, 46.591, 306.345



Tritanomaly
51, 42.907, 349.324

Monochromacy



Original Color
51, 70.060, 327.691



Achromatopsia
51, 0.007, 296.813



Achromatomaly
50, 28.049, 326.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 70.060, 327.691 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(187, 75, 186)` looks like.

```
.text, #text, p{  
    color:rgb(187, 75, 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(187, 75, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 75, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 70.060, 327.691 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(187, 75, 186) }
```

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

```
.border{ border-color:rgb(187, 75, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 75, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 75, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 75, 186);  
box-shadow:4px 4px 4px 4px rgb(187, 75,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 70.060, 327.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 75, 186) }
```

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

```
.background{ background-color: rgb(187, 75,  
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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