

Converting Colors

CIELCh(51, 71.286, 330.222)

Have a look what the booklet for
CIELCh(51, 71.286, 330.222)
contains.

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Color

CIELCh(51, 71.335, 330.230)

Conversions

Conversions Part 1

Format	Color
Hex	C147B7
RGB	193, 71, 183
RGB Percent	76%, 28%, 72%
CMY	0.2431, 0.7215, 0.2823
CMYK	0.00, 0.63, 0.05, 0.24
HSL	305°, 50%, 52%
HSV	305°, 63%, 76%
XYZ	32.8010, 19.2686, 46.8007
YIQ	120.2460, 36.7600, 60.6960

Conversions

Conversions Part 2

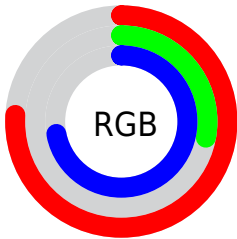
Format	Color
RYB	193, 71, 183
Decimal	12666807
CIELab	51.00, 61.92, -35.42
CIElCh	51, 71.335, 330.230
Yxy	19.2686, 0.3318, 0.1949
Android (android.graphics.Color)	4290856887 (0xFFC147B7)
YUV	120.2460, 30.9377, 63.8053
Hunter-Lab	43.8960, 56.5647, -32.4861

Details

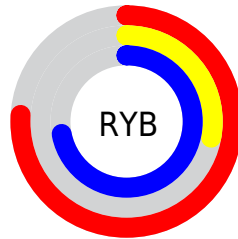
The CIELCh color **51, 71.335, 330.230** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **70, 72.614, 140.907**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 71.268, 330.316**, and **31, 70.030, 330.020** is the 20% darker color. If you saturate the color by 10%, you get **48, 78.792, 330.699**, and if you desaturate by 10%, it is **54, 62.049, 329.723**.

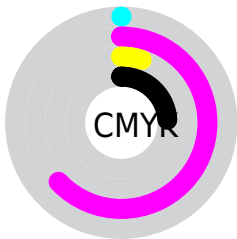
Distribution



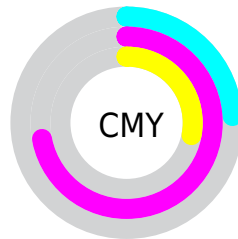
- Red (76%)
- Green (28%)
- Blue (72%)



- Red (76%)
- Yellow (28%)
- Blue (72%)



- Cyan (0%)
- Magenta (63%)
- Yellow (5%)
- Black (24%)





- Cyan (24%)
- Magenta (72%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 71.335, 330.230 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, 71.335, 330.230 by changing the saturation by 10% instead.


 51, 71.335,
330.230


 51, 71.335,
330.230


 100, 71.335,
330.230


 41, 71.335,
330.230


 71, 71.335,
330.230

 31, 71.335,
330.230

 81, 71.335,
330.230

 21, 71.335,
330.230

 91, 71.335,
330.230

 11, 71.335,
330.230

 1, 71.335, 330.230

 0, 71.335, 330.230

51, 71.335,
330.230

51, 71.335,
330.230

48, 78.792,
330.699

54, 62.049,
329.723

47, 84.034,
331.131

58, 51.430,
329.185

45, 86.903,
331.535

62, 39.948,
328.623

45, 87.869,
331.801

67, 28.001,
328.048

72, 15.892,
327.465

76, 3.835, 326.843

82, 8.030, 146.392

87, 19.618,
145.836

■ 92, 30.882,
145.317

Harmonies

Complementary

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



51, 71.335, 330.230



70, 72.614, 140.907

Rectangle

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



51, 71.335, 330.230



51, 71.335, 20.230



51, 71.335, 150.230



51, 71.335, 200.230

Sweetspot

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



51, 71.333, 330.230



87, 28.266, 327.821



38, 73.898, 301.500



44, 19.458, 327.988



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



51, 71.333, 330.230



61, 98.558, 330.876



49, 53.759, 355.810



38, 6.832, 327.239



37, 76.762, 331.749



4, 22.436, 329.245

Inverse Universe

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



51, 71.333, 330.230



61, 98.558, 330.876



70, 49.261, 160.040



38, 6.832, 327.239



37, 76.762, 331.749



4, 22.436, 329.245

Previews

White Background



This preview shows how the CIELCh color 51, 71.335, 330.230 looks on a white background.

Color Contrast Check

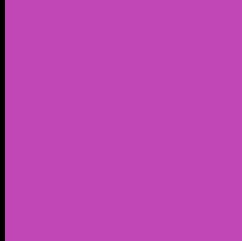
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.335, 330.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

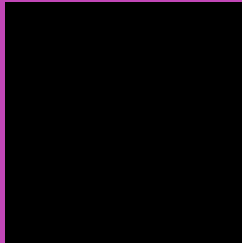
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 71.335, 330.230

Background



This preview shows how black text looks on a background with the CIELCh color 51, 71.335, 330.230.

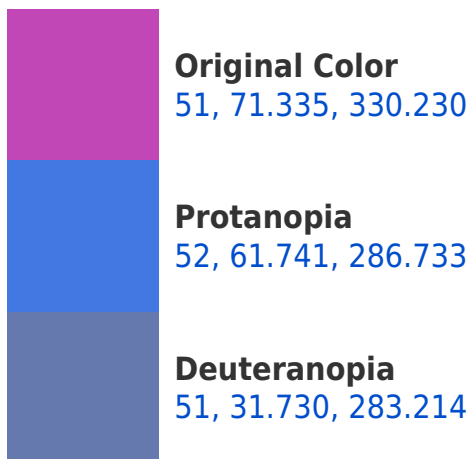


This preview shows how white text looks on a background with the CIELCh color 51, 71.335, 330.230.

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, 39.103, 19.132

Trichromacy



Original Color
51, 71.335, 330.230



Protanomaly
49, 63.212, 300.303



Deuteranomaly
50, 45.248, 308.829



Tritanomaly
51, 45.967, 353.109

Monochromacy



Original Color
51, 71.335, 330.230



Achromatopsia
50, 0.007, 296.813



Achromatomaly
49, 29.407, 328.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 71.335, 330.230 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(193, 71, 183)` looks like.

```
.text, #text, p{  
    color:rgb(193, 71, 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(193, 71, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 71, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 71.335, 330.230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

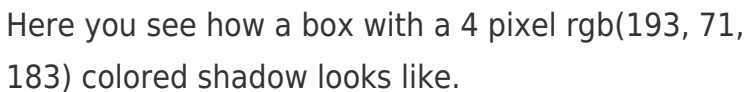
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 71, 183) }
```

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

```
.border{ border-color:rgb(193, 71, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 71, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 71, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 71, 183); box-shadow:4px 4px 4px 4px rgb(193, 71, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 71.335, 330.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 71, 183) }
```

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

```
.background{ background-color: rgb(193, 71,  
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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