

Converting Colors

CIELCh(69, 51.235, 352.510)

Have a look what the booklet for
CIELCh(69, 51.235, 352.510)
contains.

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Color

CIELCh(69, 51.205, 352.480)

Conversions

Conversions Part 1

Format	Color
Hex	F882B6
RGB	248, 130, 182
RGB Percent	97%, 51%, 71%
CMY	0.0271, 0.4898, 0.2859
CMYK	0.00, 0.48, 0.27, 0.03
HSL	334°, 90%, 74%
HSV	334°, 48%, 97%
XYZ	55.1933, 39.3444, 48.9889
YIQ	171.2100, 53.6360, 41.1880

Conversions

Conversions Part 2

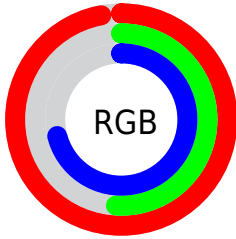
Format	Color
R_{YB}	248, 130, 182
Decimal	16286390
CIE _{Lab}	69.00, 50.76, -6.70
CIE _{LCh}	69, 51.205, 352.480
Yxy	39.3444, 0.3846, 0.2741
Android (android.graphics.Color)	4294476470 (0xFFFF882B6)
YUV	171.2100, 5.3195, 67.3448
Hunter-Lab	62.7251, 47.2973, -2.3984

Details

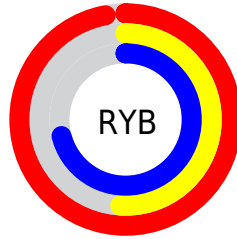
The CIELCh color **69, 51.205, 352.480** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **90, 47.519, 161.864**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 36.530, 334.041**, and **49, 51.200, 352.611** is the 20% darker color. If you saturate the color by 10%, you get **64, 60.955, 354.299**, and if you desaturate by 10%, it is **74, 40.634, 350.977**.

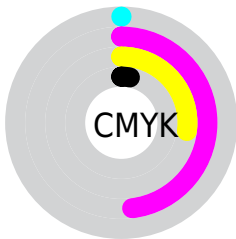
Distribution



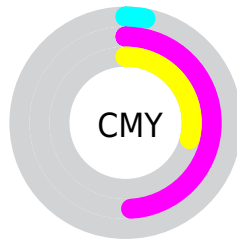
- Red (97%)
- Green (51%)
- Blue (71%)



- Red (97%)
- Yellow (51%)
- Blue (71%)



- Cyan (0%)
- Magenta (48%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (49%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 51.205, 352.480 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 69, 51.205, 352.480 by changing the saturation by 10% instead.

 69, 51.205,
352.480

 69, 51.205,
352.480


 100, 51.205,
352.480


 59, 51.205,
352.480


 89, 51.205,
352.480

 49, 51.205,
352.480

 99, 51.205,
352.480

 39, 51.205,
352.480

 29, 51.205,
352.480

 19, 51.205,
352.480

 9, 51.205, 352.480

 0, 51.205, 352.480

69, 51.205,
352.480

69, 51.205,
352.480

64, 60.955,
354.299

74, 40.634,
350.977

60, 69.343,
356.553

80, 29.708,
349.701

57, 75.827,
359.400

86, 18.748,
348.590

55, 80.088, 3.023

93, 7.966, 347.584

53, 82.308, 7.545

99, 2.516, 166.980

53, 82.751, 8.719

100, 2.392,
199.531

Harmonies

Complementary

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



69, 51.205, 352.480



90, 47.519, 161.864

Rectangle

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



69, 51.205, 352.480



69, 51.205, 42.480



69, 51.205, 172.480



69, 51.205, 222.480

Sweetspot

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



69, 51.202, 352.481



91, 15.213, 348.226



65, 67.980, 313.058



47, 10.532, 348.447



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 51.202, 352.481



66, 61.785, 354.203



69, 47.487, 27.992



49, 6.039, 347.776



40, 67.338, 7.802



10, 30.632, 1.019

Inverse Universe

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



69, 51.202, 352.481



66, 61.785, 354.203



89, 33.095, 202.724



49, 6.039, 347.776



40, 67.338, 7.802



10, 30.632, 1.019

Previews

White Background



This preview shows how the CIELCh color 69, 51.205, 352.480 looks on a white background.

Color Contrast Check

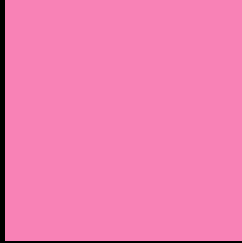
Large Text (above 18pt) WCAG AA × Fail

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 69, 51.205, 352.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

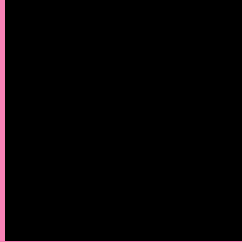
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 51.205, 352.480

Background



This preview shows how black text looks on a background with the CIELCh color 69, 51.205, 352.480.



This preview shows how white text looks on a background with the CIELCh color 69, 51.205, 352.480.

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



Original Color
69, 51.205, 352.480

Protanopia
69, 21.494, 285.987

Deuteranopia
69, 9.482, 336.322



Tritanopia
69, 43.976, 17.200

Trichromacy



Original Color
69, 51.205, 352.480



Protanomaly
68, 27.404, 322.283



Deuteranomaly
69, 24.851, 347.084



Tritanomaly
69, 45.683, 6.910

Monochromacy



Original Color
69, 51.205, 352.480



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 19.380, 348.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 51.205, 352.480 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(248, 130, 182)` looks like.

```
.text, #text, p{  
    color:rgb(248, 130, 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(248, 130, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 130, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 51.205, 352.480 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(248, 130, 182) }
```

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

```
.border{ border-color:rgb(248, 130, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 130, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 130, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 130, 182);  
box-shadow:4px 4px 4px 4px rgb(248, 130,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 51.205, 352.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 130, 182) }
```

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

```
.background{ background-color: rgb(248,  
130, 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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