

Converting Colors

CIELCh(69, 50.121, 350.774)

Have a look what the booklet for
CIELCh(69, 50.121, 350.774)
contains.

CIELCh(69, 49.677, 350.985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(69, 49.677, 350.985)

Conversions

Conversions Part 1

Format	Color
Hex	F584B8
RGB	245, 132, 184
RGB Percent	96%, 52%, 72%
CMY	0.0395, 0.4826, 0.2787
CMYK	0.00, 0.46, 0.25, 0.04
HSL	332°, 85%, 74%
HSV	332°, 46%, 96%
XYZ	54.5207, 39.3444, 50.0345
YIQ	171.7150, 50.6560, 40.1280

Conversions

Conversions Part 2

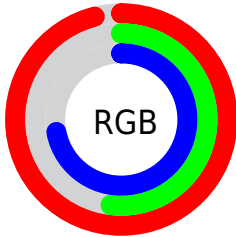
Format	Color
R _Y B	245, 132, 184
Decimal	16090296
CIE Lab	69.00, 49.06, -7.78
CIE LCh	69, 49.677, 350.985
Yxy	39.3444, 0.3789, 0.2734
Android (android.graphics.Color)	4294280376 (0xFFFF584B8)
YUV	171.7150, 6.0565, 64.2709
Hunter-Lab	62.7251, 45.3835, -3.3868

Details

The CIELCh color **69, 49.677, 350.985** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 46.515, 160.974**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 36.651, 333.015**, and **49, 49.791, 350.846** is the 20% darker color. If you saturate the color by 10%, you get **64, 59.502, 352.686**, and if you desaturate by 10%, it is **74, 39.079, 349.568**.

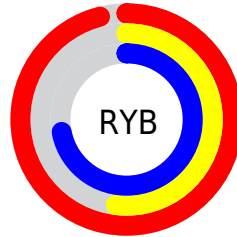
Distribution



Red (96%)

Green (52%)

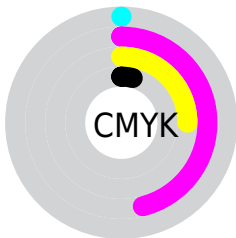
Blue (72%)



Red (96%)

Yellow (52%)

Blue (72%)

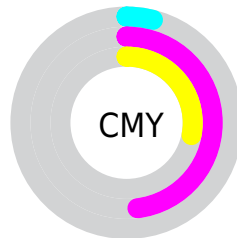


Cyan (0%)

Magenta (46%)

Yellow (25%)

Black (4%)



Cyan (4%)


Magenta (48%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 49.677, 350.985 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, 49.677, 350.985 by changing the saturation by 10% instead.


 69, 49.677,
350.985


 69, 49.677,
350.985


 100, 49.677,
350.985


 59, 49.677,
350.985


 89, 49.677,
350.985

 49, 49.677,
350.985

 99, 49.677,
350.985

 39, 49.677,
350.985

 29, 49.677,
350.985

 19, 49.677,
350.985

 9, 49.677, 350.985

 0, 49.677, 350.985

69, 49.677,
350.985

69, 49.677,
350.985

64, 59.502,
352.686

74, 39.079,
349.568

60, 68.021,
354.777

80, 28.156,
348.354

57, 74.674,
357.405

86, 17.216,
347.288

54, 79.087, 0.745

93, 6.459, 346.305

53, 81.309, 4.954

99, 4.001, 165.663

52, 81.886, 6.745

99, 3.480, 199.375

Harmonies

Complementary

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



69, 49.677, 350.985



89, 46.515, 160.974

Rectangle

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



69, 49.677, 350.985



69, 49.677, 40.985



69, 49.677, 170.985



69, 49.677, 220.985

Sweetspot

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



69, 49.674, 350.986



91, 15.400, 347.078



65, 65.115, 312.467



47, 10.659, 347.294



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, 49.674, 350.986



67, 60.372, 352.499



68, 45.964, 26.617



48, 6.013, 346.634



40, 66.650, 5.850



9, 29.938, 359.059

Inverse Universe

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



69, 49.674, 350.986



67, 60.372, 352.499



89, 32.562, 200.843



48, 6.013, 346.634



40, 66.650, 5.850



9, 29.938, 359.059

Previews

White Background



This preview shows how the CIELCh color 69, 49.677, 350.985 looks on a white background.

Color Contrast Check

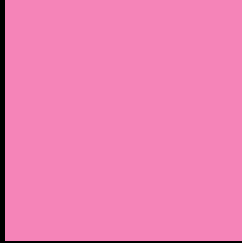
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 49.677, 350.985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

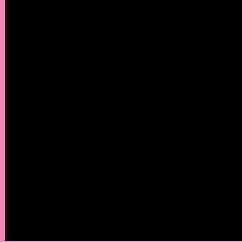
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 49.677, 350.985

Background



This preview shows how black text looks on a background with the CIELCh color 69, 49.677, 350.985.



This preview shows how white text looks on a background with the CIELCh color 69, 49.677, 350.985.

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](#).

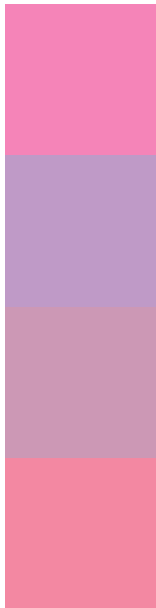
Dichromacy





Tritanopia
69, 41.867, 16.560

Trichromacy



Original Color
69, 49.677, 350.985

Protanomaly
68, 28.172, 320.482

Deuteranomaly
68, 25.137, 342.817

Tritanomaly
69, 43.762, 5.793

Monochromacy



Original Color
69, 49.677, 350.985

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 19.038, 348.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 49.677, 350.985 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(245, 132, 184)` looks like.

```
.text, #text, p{  
    color:rgb(245, 132, 184)  
}
```

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(245, 132, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 132, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 49.677, 350.985 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(245, 132, 184) }
```

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

```
.border{ border-color:rgb(245, 132, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 132, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 132, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 132, 184);  
box-shadow:4px 4px 4px 4px rgb(245, 132,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 49.677, 350.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 132, 184) }
```

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

```
.background{ background-color: rgb(245,  
132, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor