

Converting Colors

CIELCh(69, 46.688, 345.109)

Have a look what the booklet for
CIELCh(69, 46.688, 345.109)
contains.

CIELCh(69, 46.658, 345.088)	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, 46.658, 345.088)

Conversions

Conversions Part 1

Format	Color
Hex	EC88BF
RGB	236, 136, 191
RGB Percent	93%, 53%, 75%
CMY	0.0733, 0.4656, 0.2499
CMYK	0.00, 0.42, 0.19, 0.07
HSL	327°, 73%, 73%
HSV	327°, 42%, 93%
XYZ	52.9700, 39.3444, 54.2548
YIQ	172.1700, 41.9450, 38.3050

Conversions

Conversions Part 2

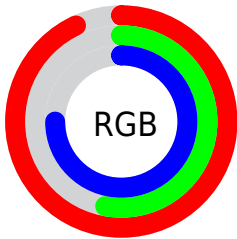
Format	Color
R _Y B	236, 136, 191
Decimal	15501503
CIE _{Lab}	69.00, 45.09, -12.01
CIE _{LCh}	69, 46.658, 345.088
Y _{xy}	39.3444, 0.3614, 0.2684
Android (android.graphics.Color)	4293691583 (0xFFEC88BF)
YUV	172.1700, 9.2832, 55.9789
Hunter-Lab	62.7251, 40.9705, -7.3760

Details

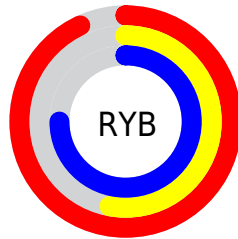
The CIELCh color $69, 46.658, 345.088$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $86, 44.978, 156.891$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 36.861, 329.544$, and $49, 46.794, 344.741$ is the 20% darker color. If you saturate the color by 10%, you get $64, 56.828, 346.406$, and if you desaturate by 10%, it is $74, 35.793, 343.950$.

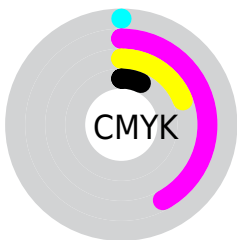
Distribution



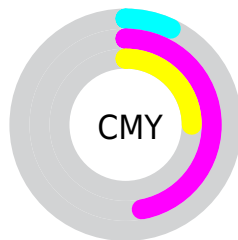
- Red (93%)
- Green (53%)
- Blue (75%)



- Red (93%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (42%)
- Yellow (19%)
- Black (7%)




- Cyan (7%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 46.658, 345.088 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, 46.658, 345.088 by changing the saturation by 10% instead.

 69, 46.658,
345.088

 69, 46.658,
345.088

 100, 46.658,
345.088


 59, 46.658,
345.088


 89, 46.658,
345.088

 49, 46.658,
345.088

 99, 46.658,
345.088

 39, 46.658,
345.088

 29, 46.658,
345.088

 19, 46.658,
345.088

 9, 46.658, 345.088

 0, 46.658, 345.088

69, 46.658,
345.088

69, 46.658,
345.088

64, 56.828,
346.406

74, 35.793,
343.950

60, 65.792,
347.969

80, 24.647,
342.941

56, 72.965,
349.875

86, 13.498,
342.025

54, 77.849,
352.254

92, 2.524, 341.065

98, 8.169, 160.544

52, 80.243,
355.255

99, 6.413, 199.103

51, 80.778,
357.990

Harmonies

Complementary

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



69, 46.658, 345.088



86, 44.978, 156.891

Rectangle

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



69, 46.658, 345.088



69, 46.658, 35.088



69, 46.658, 165.088



69, 46.658, 215.088

Sweetspot

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



69, 46.655, 345.089



92, 15.152, 342.090



65, 57.410, 309.629



47, 10.624, 342.287



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, 46.655, 345.089



69, 59.048, 346.248



68, 41.095, 20.050



46, 6.165, 341.773



39, 66.322, 357.287



8, 29.148, 351.516

Inverse Universe

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



69, 46.655, 345.089



69, 59.048, 346.248



88, 31.217, 192.516



46, 6.165, 341.773



39, 66.322, 357.287



8, 29.148, 351.516

Previews

White Background



This preview shows how the CIELCh color 69, 46.658, 345.088 looks on a white background.

Color Contrast Check

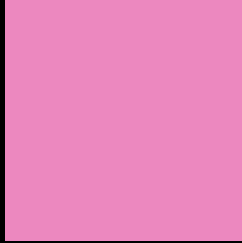
Large Text (above 18pt) WCAG AA × Fail

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, 46.658, 345.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

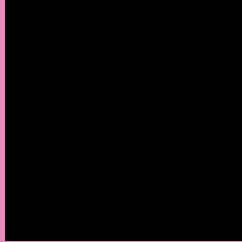
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 46.658, 345.088

Background



This preview shows how black text looks on a background with the CIELCh color 69, 46.658, 345.088.



This preview shows how white text looks on a background with the CIELCh color 69, 46.658, 345.088.

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, 36.049, 13.764

Trichromacy



Original Color
69, 46.658, 345.088



Protanomaly
68, 28.584, 314.320



Deuteranomaly
69, 24.991, 333.620

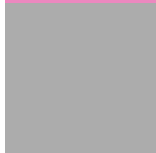


Tritanomaly
69, 38.590, 1.508

Monochromacy



Original Color
69, 46.658, 345.088



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 17.452, 342.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 46.658, 345.088 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(236, 136, 191)` looks like.

```
.text, #text, p{  
    color:rgb(236, 136, 191)  
}
```

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(236, 136, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 136, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 46.658, 345.088 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(236, 136, 191) }
```

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

```
.border{ border-color:rgb(236, 136, 191) }
```

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

Here you see how a box with a 4 pixel rgb(236, 136, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 136, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 136, 191);  
box-shadow:4px 4px 4px 4px rgb(236, 136,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 46.658, 345.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 136, 191) }
```

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

```
.background{ background-color: rgb(236,  
136, 191) }
```

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