

Converting Colors

CIELCh(69, 38.714, 350.341)

Have a look what the booklet for
CIELCh(69, 38.714, 350.341)
contains.

CIELCh(69, 38.664, 350.533)	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, 38.664, 350.533)

Conversions

Conversions Part 1

Format	Color
Hex	E58EB5
RGB	229, 142, 181
RGB Percent	90%, 56%, 71%
CMY	0.1019, 0.4431, 0.2902
CMYK	0.00, 0.38, 0.21, 0.10
HSL	333°, 63%, 73%
HSV	333°, 38%, 90%
XYZ	50.3313, 39.3444, 48.6617
YIQ	172.4590, 39.3330, 30.5730

Conversions

Conversions Part 2

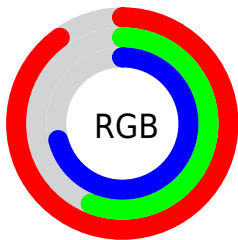
Format	Color
R _Y B	229, 142, 181
Decimal	15044277
CIE Lab	69.00, 38.14, -6.36
CIE LCh	69, 38.664, 350.533
Yxy	39.3444, 0.3638, 0.2844
Android (android.graphics.Color)	4293234357 (0xFFE58EB5)
YUV	172.4590, 4.2107, 49.5865
Hunter-Lab	62.7251, 33.4613, -2.0892

Details

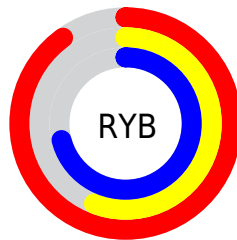
The CIELCh color $69, 38.664, 350.533$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 36.421, 162.714$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 29.366, 336.345$, and $49, 38.560, 350.854$ is the 20% darker color. If you saturate the color by 10%, you get $64, 48.571, 352.019$, and if you desaturate by 10%, it is $74, 28.396, 349.272$.

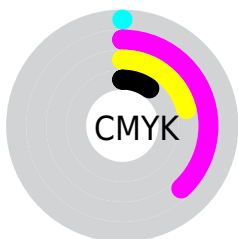
Distribution



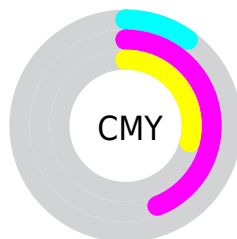
- Red (90%)
- Green (56%)
- Blue (71%)



- Red (90%)
- Yellow (56%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.664, 350.533 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, 38.664, 350.533 by changing the saturation by 10% instead.


 69, 38.664,
350.533


 69, 38.664,
350.533


 100, 38.664,
350.533


 59, 38.664,
350.533


 89, 38.664,
350.533

 49, 38.664,
350.533

 99, 38.664,
350.533

 39, 38.664,
350.533

 29, 38.664,
350.533

 19, 38.664,
350.533

 9, 38.664, 350.533

 0, 38.664, 350.533

69, 38.664,
350.533

69, 38.664,
350.533

64, 48.571,
352.019

74, 28.396,
349.272

59, 57.698,
353.810

80, 18.084,
348.172

56, 65.525,
356.024

86, 7.927, 347.176

92, 1.957, 166.614

53, 71.550,
358.818

98, 10.644,
167.574

50, 75.475, 2.368

98, 8.850, 198.921

49, 77.497, 6.785

49, 77.849, 7.721

Harmonies

Complementary

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



69, 38.664, 350.533



85, 36.421, 162.714

Rectangle

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



69, 38.664, 350.533



69, 38.664, 40.533



69, 38.664, 170.533



69, 38.664, 220.533

Sweetspot

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



69, 38.661, 350.535



93, 11.962, 347.477



66, 50.650, 312.583



49, 8.052, 347.611



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, 38.661, 350.535



72, 50.886, 351.745



69, 34.324, 26.595



45, 5.658, 347.320



38, 64.598, 6.848



7, 27.180, 358.858

Inverse Universe

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



69, 38.661, 350.535



72, 50.886, 351.745



85, 26.026, 202.780



45, 5.658, 347.320



38, 64.598, 6.848



7, 27.180, 358.858

Previews

White Background



This preview shows how the CIELCh color 69, 38.664, 350.533 looks on a white background.

Color Contrast Check

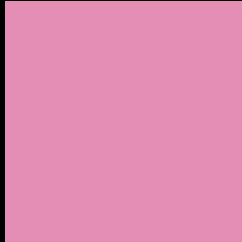
Large Text (above 18pt) WCAG AA × Fail

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, 38.664, 350.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

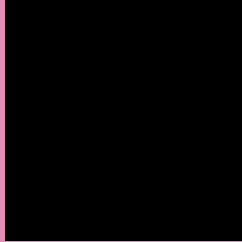
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 38.664, 350.533

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.664, 350.533.



This preview shows how white text looks on a background with the CIELCh color 69, 38.664, 350.533.

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, 32.342, 12.195

Trichromacy



Original Color
69, 38.664, 350.533



Protanomaly
69, 21.082, 321.918



Deuteranomaly
69, 19.925, 344.198

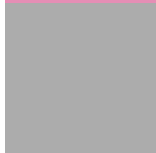


Tritanomaly
69, 33.772, 3.388

Monochromacy



Original Color
69, 38.664, 350.533



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 14.385, 348.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.664, 350.533 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(229, 142, 181)` looks like.

```
.text, #text, p{  
    color:rgb(229, 142, 181)  
}
```

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(229, 142, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 142, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.664, 350.533 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(229, 142, 181) }
```

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

```
.border{ border-color:rgb(229, 142, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 142, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 142, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 142, 181);  
box-shadow:4px 4px 4px 4px rgb(229, 142,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.664, 350.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 142, 181) }
```

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

```
.background{ background-color: rgb(229,  
142, 181) }
```

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