

Converting Colors

CIELCh(69, 38.370, 353.910)

Have a look what the booklet for
CIELCh(69, 38.370, 353.910)
contains.

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Color

CIELCh(69, 38.123, 353.817)

Conversions

Conversions Part 1

Format	Color
Hex	E68EB1
RGB	230, 142, 177
RGB Percent	90%, 56%, 69%
CMY	0.0980, 0.4431, 0.3059
CMYK	0.00, 0.38, 0.23, 0.10
HSL	336°, 64%, 73%
HSV	336°, 38%, 90%
XYZ	50.2432, 39.3444, 46.5419
YIQ	172.3020, 41.2130, 29.5410

Conversions

Conversions Part 2

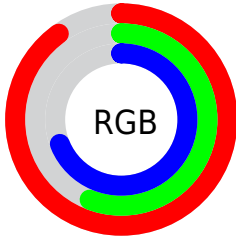
Format	Color
R_{YB}	230, 142, 177
Decimal	15109809
CIE _{Lab}	69.00, 37.90, -4.11
CIE _{LCh}	69, 38.123, 353.817
Yxy	39.3444, 0.3691, 0.2890
Android (android.graphics.Color)	4293299889 (0xFFE68EB1)
YUV	172.3020, 2.3161, 50.6011
Hunter-Lab	62.7251, 33.2106, -0.0855

Details

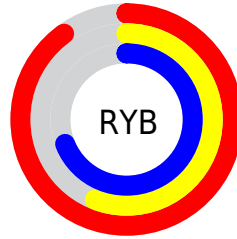
The CIELCh color **69, 38.123, 353.817** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85, 35.315, 165.630**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 28.007, 339.458**, and **49, 38.031, 354.421** is the 20% darker color. If you saturate the color by 10%, you get **64, 47.945, 355.435**, and if you desaturate by 10%, it is **75, 28.003, 352.461**.

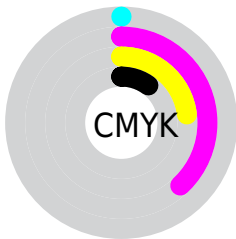
Distribution



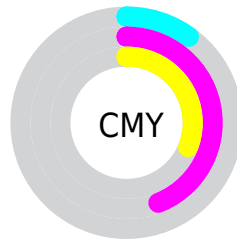
- Red (90%)
- Green (56%)
- Blue (69%)



- Red (90%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 38.123, 353.817 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, 38.123, 353.817 by changing the saturation by 10% instead.


 69, 38.123,
353.817


 69, 38.123,
353.817


 100, 38.123,
353.817


 59, 38.123,
353.817


 89, 38.123,
353.817

 49, 38.123,
353.817

 99, 38.123,
353.817

 39, 38.123,
353.817

 29, 38.123,
353.817

 19, 38.123,
353.817

 9, 38.123, 353.817

 0, 38.123, 353.817

69, 38.123,
353.817

69, 38.123,
353.817

64, 47.945,
355.435

75, 28.003,
352.461

59, 57.064,
357.409

80, 17.891,
351.292

55, 64.981,
359.873

86, 7.972, 350.246

52, 71.221, 2.998

92, 1.644, 169.710

50, 75.530, 6.963

98, 9.794, 171.788

49, 78.171, 11.835

98, 8.520, 198.945

49, 78.608, 12.715

Harmonies

Complementary

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



69, 38.123, 353.817



85, 35.315, 165.630

Rectangle

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



69, 38.123, 353.817



69, 38.123, 43.817



69, 38.123, 173.817



69, 38.123, 223.817

Sweetspot

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



69, 38.120, 353.819



93, 11.597, 350.533



67, 51.576, 314.199



49, 7.808, 350.673



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, 38.120, 353.819



71, 49.758, 355.087



70, 33.330, 30.541



45, 5.483, 350.368



38, 64.902, 11.750



7, 26.900, 2.447

Inverse Universe

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



69, 38.120, 353.819



71, 49.758, 355.087



84, 25.098, 208.539



45, 5.483, 350.368



38, 64.902, 11.750



7, 26.900, 2.447

Previews

White Background



This preview shows how the CIELCh color 69, 38.123, 353.817 looks on a white background.

Color Contrast Check

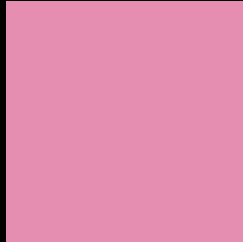
Large Text (above 18pt) WCAG AA × Fail

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, 38.123, 353.817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

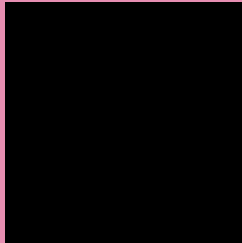
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 38.123, 353.817

Background



This preview shows how black text looks on a background with the CIELCh color 69, 38.123, 353.817.

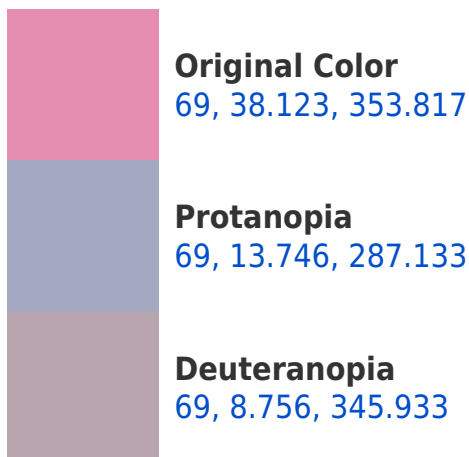


This preview shows how white text looks on a background with the CIELCh color 69, 38.123, 353.817.

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, 33.137, 12.547

Trichromacy



Original Color
69, 38.123, 353.817

Protanomaly
69, 19.001, 327.164

Deuteranomaly
69, 19.453, 350.971

Tritanomaly
69, 34.330, 5.698

Monochromacy



Original Color
69, 38.123, 353.817

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 14.122, 350.556

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 38.123, 353.817 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(230, 142, 177)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 177)  
}
```

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(230, 142, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 38.123, 353.817 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(230, 142, 177) }
```

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

```
.border{ border-color:rgb(230, 142, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 142, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 142, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 142, 177); box-shadow:4px 4px 4px 4px rgb(230, 142, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 38.123, 353.817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 177) }
```

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

```
.background{ background-color: rgb(230,  
142, 177) }
```

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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