

Converting Colors

CIELCh(67, 39.352, 4.570)

Have a look what the booklet for
CIELCh(67, 39.352, 4.570) contains.

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Color

CIELCh(67, 39.230, 4.538)

Conversions

Conversions Part 1

Format	Color
Hex	E6879F
RGB	230, 135, 159
RGB Percent	90%, 53%, 62%
CMY	0.0982, 0.4707, 0.3766
CMYK	0.00, 0.41, 0.31, 0.10
HSL	345°, 65%, 72%
HSV	345°, 41%, 90%
XYZ	47.5290, 36.6320, 37.3465
YIQ	166.1410, 48.9160, 27.6040

Conversions

Conversions Part 2

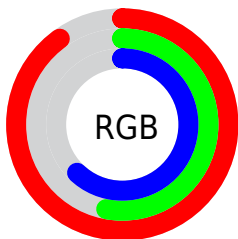
Format	Color
R _Y B	230, 135, 159
Decimal	15107999
CIE Lab	67.00, 39.11, 3.10
CIE LCh	67, 39.230, 4.538
Yxy	36.6320, 0.3912, 0.3015
Android (android.graphics.Color)	4293298079 (0xFFE6879F)
YUV	166.1410, -3.5205, 56.0043
Hunter-Lab	60.5244, 34.2562, 5.7822

Details

The CIELCh color **67, 39.230, 4.538** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85, 33.805, 175.112**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 27.001, 353.985**, and **47, 39.176, 4.317** is the 20% darker color. If you saturate the color by 10%, you get **62, 48.985, 6.565**, and if you desaturate by 10%, it is **72, 29.343, 2.899**.

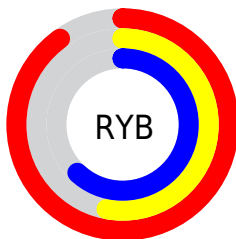
Distribution



Red (90%)

Green (53%)

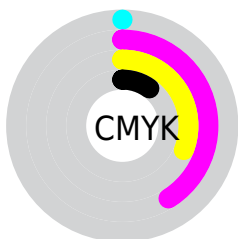
Blue (62%)



Red (90%)

Yellow (53%)

Blue (62%)

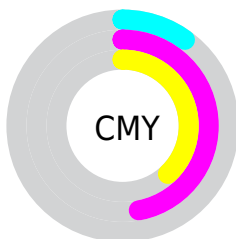


Cyan (0%)

Magenta (41%)

Yellow (31%)

Black (10%)



Cyan (10%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 39.230, 4.538 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 67, 39.230, 4.538 by changing the saturation by 10% instead.

 67, 39.230, 4.538  67, 39.230, 4.538

 100, 39.230, 4.538  57, 39.230, 4.538

 87, 39.230, 4.538  47, 39.230, 4.538

 97, 39.230, 4.538  37, 39.230, 4.538

 27, 39.230, 4.538

 17, 39.230, 4.538

 7, 39.230, 4.538

 0, 39.230, 4.538

 67, 39.230, 4.538  67, 39.230, 4.538

 62, 48.985, 6.565  72, 29.343, 2.899

57, 58.244, 9.107

78, 19.604, 1.538

54, 66.579, 12.331

84, 10.178, 0.372

51, 73.651, 16.395

90, 1.154, 358.973

49, 79.393, 21.358

97, 7.436, 178.670

48, 83.690, 26.129

98, 8.538, 198.943

Harmonies

Complementary

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



67, 39.230, 4.538



85, 33.805, 175.112

Rectangle

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



67, 39.230, 4.538



67, 39.230, 54.538



67, 39.230, 184.538



67, 39.230, 234.538

Sweetspot

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



67, 39.227, 4.540



92, 11.766, 0.456



66, 56.916, 318.545



48, 7.828, 0.603



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 39.227, 4.540



69, 51.906, 6.336



71, 33.347, 42.647



45, 5.082, 0.169



37, 68.741, 25.098



7, 26.640, 10.993

Inverse Universe

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



67, 39.227, 4.540



69, 51.906, 6.336



80, 24.869, 226.654



45, 5.082, 0.169



37, 68.741, 25.098



7, 26.640, 10.993

Previews

White Background



This preview shows how the CIELCh color 67, 39.230, 4.538 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 67, 39.230, 4.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

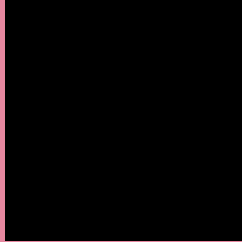
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.230, 4.538

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.230, 4.538.

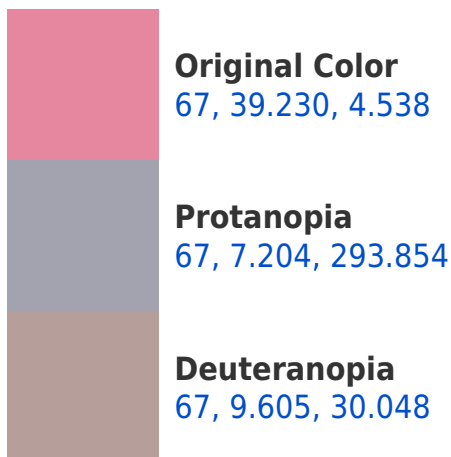


This preview shows how white text looks on a background with the CIELCh color 67, 39.230, 4.538.

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
67, 37.531, 15.214

Trichromacy



Original Color
67, 39.230, 4.538

Protanomaly
66, 16.343, 346.053

Deuteranomaly
67, 19.685, 11.769

Tritanomaly
67, 37.957, 11.288

Monochromacy



Original Color
67, 39.230, 4.538

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 13.918, 2.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.230, 4.538 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, 135, 159)` looks like.

```
.text, #text, p{  
    color:rgb(230, 135, 159)  
}
```

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, 135, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 135, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.230, 4.538 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, 135, 159) }
```

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

```
.border{ border-color:rgb(230, 135, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 135, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 135, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 135, 159);  
box-shadow:4px 4px 4px 4px rgb(230, 135,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.230, 4.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 135, 159) }
```

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

```
.background{ background-color: rgb(230,  
135, 159) }
```

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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