

Converting Colors

CIELCh(67, 39.876, 0.546)

Have a look what the booklet for
CIELCh(67, 39.876, 0.546) contains.

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Color

CIELCh(67, 39.763, 0.692)

Conversions

Conversions Part 1

Format	Color
Hex	E687A4
RGB	230, 135, 164
RGB Percent	90%, 53%, 64%
CMY	0.0998, 0.4721, 0.3584
CMYK	0.00, 0.41, 0.29, 0.10
HSL	342°, 65%, 71%
HSV	342°, 41%, 90%
XYZ	47.7641, 36.6320, 39.4858
YIQ	166.7110, 47.3110, 29.1590

Conversions

Conversions Part 2

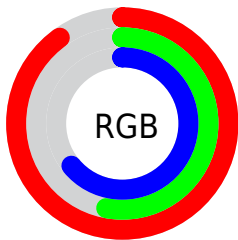
Format	Color
R_{YB}	230, 135, 164
Decimal	15108004
CIE _{Lab}	67.00, 39.76, 0.48
CIE _{LCh}	67, 39.763, 0.692
Yxy	36.6320, 0.3856, 0.2957
Android (android.graphics.Color)	4293298084 (0xFFE687A4)
YUV	166.7110, -1.3365, 55.5045
Hunter-Lab	60.5244, 34.9494, 3.6865

Details

The CIELCh color $67, 39.763, 0.692$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 35.188, 171.264$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 28.137, 349.127$, and $47, 39.566, 0.998$ is the 20% darker color. If you saturate the color by 10%, you get $62, 49.408, 2.628$, and if you desaturate by 10%, it is $72, 29.875, 359.112$.

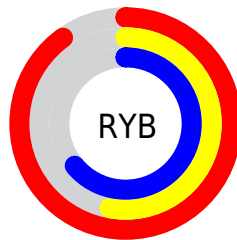
Distribution



Red (90%)

Green (53%)

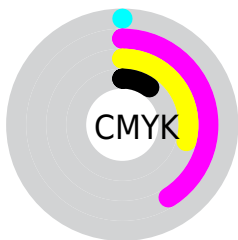
Blue (64%)



Red (90%)

Yellow (53%)

Blue (64%)

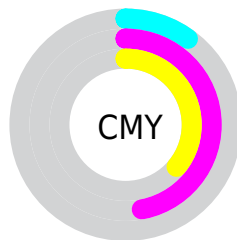


Cyan (0%)

Magenta (41%)

Yellow (29%)

Black (10%)



Cyan (10%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 39.763, 0.692 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, 39.763, 0.692 by changing the saturation by 10% instead.

 67, 39.763, 0.692  67, 39.763, 0.692

 100, 39.763, 0.692  57, 39.763, 0.692

 87, 39.763, 0.692  47, 39.763, 0.692

 97, 39.763, 0.692  37, 39.763, 0.692

 27, 39.763, 0.692

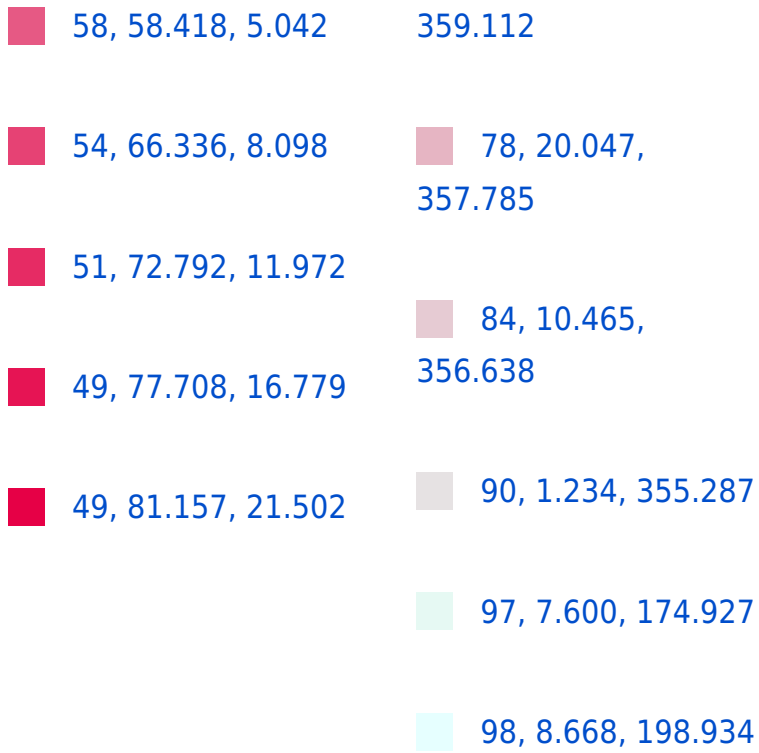
 17, 39.763, 0.692

 7, 39.763, 0.692

 0, 39.763, 0.692

 67, 39.763, 0.692  67, 39.763, 0.692

 62, 49.408, 2.628  72, 29.875,



Harmonies

Complementary

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



67, 39.763, 0.692



85, 35.188, 171.264

Rectangle

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



67, 39.763, 0.692



67, 39.763, 50.692



67, 39.763, 180.692



67, 39.763, 230.692

Sweetspot

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



67, 39.760, 0.694



92, 12.051, 356.715



66, 56.445, 316.977



48, 8.014, 356.860



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, 39.760, 0.694



69, 52.398, 2.400



70, 34.325, 37.957



45, 5.209, 356.432



37, 66.872, 20.469



7, 26.664, 8.201

Inverse Universe

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



67, 39.760, 0.694



69, 52.398, 2.400



81, 25.266, 219.565



45, 5.209, 356.432



37, 66.872, 20.469



7, 26.664, 8.201

Previews

White Background



This preview shows how the CIELCh color 67, 39.763, 0.692 looks on a white background.

Color Contrast Check

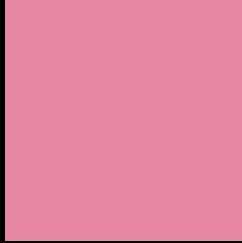
Large Text (above 18pt) WCAG AA × Fail

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, 39.763, 0.692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

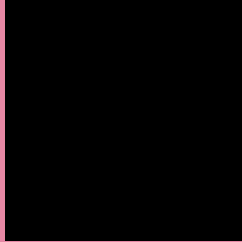
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.763, 0.692

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.763, 0.692.



This preview shows how white text looks on a background with the CIELCh color 67, 39.763, 0.692.

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



Original Color
67, 39.763, 0.692

Protanopia
67, 9.951, 291.205

Deuteranopia
67, 9.020, 13.215



Tritanopia
67, 37.110, 14.238

Trichromacy



Original Color
67, 39.763, 0.692

Protanomaly
67, 17.973, 338.715

Deuteranomaly
67, 20.618, 2.924

Tritanomaly
67, 38.047, 8.840

Monochromacy



Original Color
67, 39.763, 0.692

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 14.249, 358.142

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.763, 0.692 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(230, 135, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 135, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.763, 0.692 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, 164) }
```

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

```
.border{ border-color:rgb(230, 135, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 135, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 135, 164);  
box-shadow:4px 4px 4px 4px rgb(230, 135,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.763, 0.692 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, 164) }
```

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

```
.background{ background-color: rgb(230,  
135, 164) }
```

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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