

Converting Colors

CIELCh(68, 39.887, 357.327)

Have a look what the booklet for
CIELCh(68, 39.887, 357.327)
contains.

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Color

CIELCh(68, 39.921, 357.354)

Conversions

Conversions Part 1

Format	Color
Hex	E789AA
RGB	231, 137, 170
RGB Percent	91%, 54%, 67%
CMY	0.0925, 0.4613, 0.3319
CMYK	0.00, 0.41, 0.26, 0.09
HSL	339°, 67%, 72%
HSV	339°, 41%, 91%
XYZ	49.3783, 37.9720, 42.9436
YIQ	168.8680, 45.4310, 30.1910

Conversions

Conversions Part 2

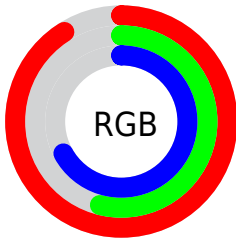
Format	Color
R _Y B	231, 137, 170
Decimal	15174058
CIE Lab	68.00, 39.88, -1.84
CIE LCh	68, 39.921, 357.354
Yxy	37.9720, 0.3790, 0.2914
Android (android.graphics.Color)	4293364138 (0xFFE789AA)
YUV	168.8680, 0.5581, 54.4898
Hunter-Lab	61.6215, 35.1975, 1.8162

Details

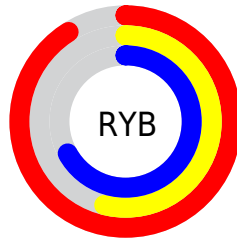
The CIELCh color $68, 39.921, 357.354$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $85, 36.134, 168.275$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 28.567, 344.579$, and $48, 39.696, 357.312$ is the 20% darker color. If you saturate the color by 10%, you get $63, 49.637, 359.164$, and if you desaturate by 10%, it is $73, 29.899, 355.862$.

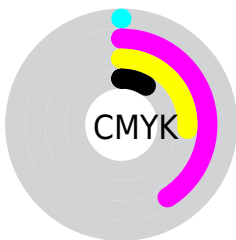
Distribution



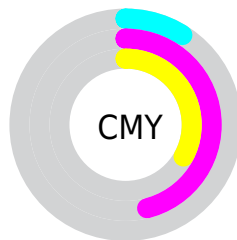
- Red (91%)
- Green (54%)
- Blue (67%)



- Red (91%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (46%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 39.921, 357.354 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 68, 39.921, 357.354 by changing the saturation by 10% instead.


 68, 39.921,
357.354


 68, 39.921,
357.354


 100, 39.921,
357.354


 58, 39.921,
357.354


 88, 39.921,
357.354

 48, 39.921,
357.354

 98, 39.921,
357.354

 38, 39.921,
357.354

 28, 39.921,
357.354

 18, 39.921,
357.354

 8, 39.921, 357.354

 0, 39.921, 357.354

68, 39.921,
357.354

68, 39.921,
357.354

63, 49.637,
359.164

73, 29.899,
355.862

58, 58.635, 1.402

79, 19.887,
354.595

55, 66.429, 4.225

85, 10.081,
353.487

52, 72.605, 7.812

50, 77.030, 12.320

91, 0.595, 351.727

49, 80.064, 17.274

98, 8.517, 171.808

98, 8.051, 198.978

Harmonies

Complementary

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



68, 39.921, 357.354



85, 36.134, 168.275

Rectangle

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



68, 39.921, 357.354



68, 39.921, 47.354



68, 39.921, 177.354



68, 39.921, 227.354

Sweetspot

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



68, 39.918, 357.356



92, 12.339, 353.639



66, 55.378, 315.367



48, 8.203, 353.780



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 39.918, 357.356



70, 52.016, 358.893



70, 35.019, 33.523



45, 5.337, 353.362



38, 65.679, 16.237



7, 26.743, 5.498

Inverse Universe

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



68, 39.918, 357.356



70, 52.016, 358.893



83, 25.814, 212.796



45, 5.337, 353.362



38, 65.679, 16.237



7, 26.743, 5.498

Previews

White Background



This preview shows how the CIELCh color 68, 39.921, 357.354 looks on a white background.

Color Contrast Check

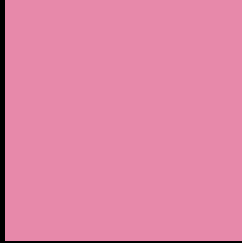
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 39.921, 357.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

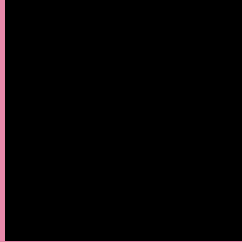
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 39.921, 357.354

Background



This preview shows how black text looks on a background with the CIELCh color 68, 39.921, 357.354.

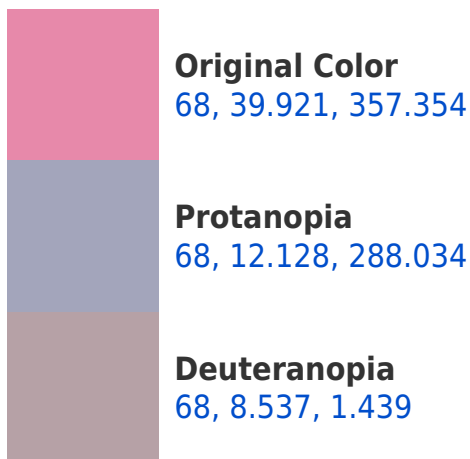


This preview shows how white text looks on a background with the CIELCh color 68, 39.921, 357.354.

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](#).

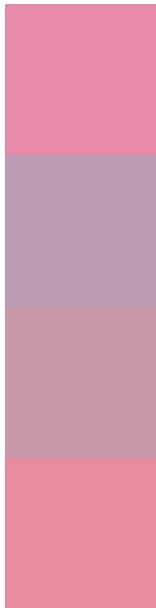
Dichromacy





Tritanopia
68, 36.144, 14.676

Trichromacy



Original Color
68, 39.921, 357.354

Protanomaly
68, 18.918, 332.050

Deuteranomaly
68, 20.469, 356.160

Tritanomaly
68, 37.116, 8.302

Monochromacy



Original Color
68, 39.921, 357.354

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 14.610, 354.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 39.921, 357.354 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(231, 137, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 137, 170)  
}
```

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(231, 137, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 137, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 39.921, 357.354 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(231, 137, 170) }
```

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

```
.border{ border-color:rgb(231, 137, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 137, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 137, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 137, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 137,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 39.921, 357.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 137, 170) }
```

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

```
.background{ background-color: rgb(231,  
137, 170) }
```

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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