

Converting Colors

CIELCh(69, 36.808, 358.762)

Have a look what the booklet for
CIELCh(69, 36.808, 358.762)
contains.

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Color

CIELCh(69, 36.534, 358.932)

Conversions

Conversions Part 1

Format	Color
Hex	E68FAB
RGB	230, 143, 171
RGB Percent	90%, 56%, 67%
CMY	0.0986, 0.4397, 0.3299
CMYK	0.00, 0.38, 0.26, 0.10
HSL	341°, 63%, 73%
HSV	341°, 38%, 90%
XYZ	49.7328, 39.3444, 43.4393
YIQ	172.2050, 42.8640, 27.1520

Conversions

Conversions Part 2

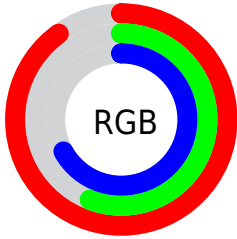
Format	Color
R _Y B	230, 143, 171
Decimal	15110059
CIE Lab	69.00, 36.53, -0.68
CIE LCh	69, 36.534, 358.932
Yxy	39.3444, 0.3753, 0.2969
Android (android.graphics.Color)	4293300139 (0xFFE68FAB)
YUV	172.2050, -0.5941, 50.6862
Hunter-Lab	62.7251, 31.7581, 2.8472

Details

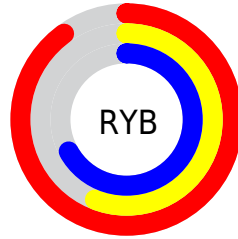
The CIELCh color **69, 36.534, 358.932** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85, 32.905, 170.562**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 25.285, 346.148**, and **49, 36.641, 359.041** is the 20% darker color. If you saturate the color by 10%, you get **64, 46.310, 0.702**, and if you desaturate by 10%, it is **75, 26.601, 357.472**.

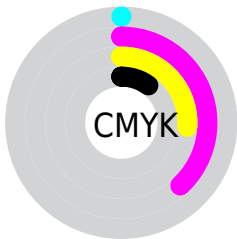
Distribution



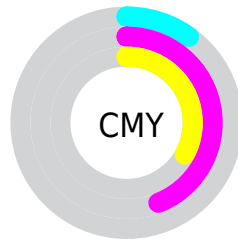
- Red (90%)
- Green (56%)
- Blue (67%)



- Red (90%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 36.534, 358.932 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, 36.534, 358.932 by changing the saturation by 10% instead.


 69, 36.534,
358.932


 69, 36.534,
358.932


 100, 36.534,
358.932


 59, 36.534,
358.932


 89, 36.534,
358.932

 49, 36.534,
358.932

 99, 36.534,
358.932

 39, 36.534,
358.932

 29, 36.534,
358.932

 19, 36.534,
358.932

 9, 36.534, 358.932

 0, 36.534, 358.932

69, 36.534,
358.932

69, 36.534,
358.932

64, 46.310, 0.702

75, 26.601,
357.472

59, 55.565, 2.886

80, 16.783,
356.230

55, 63.837, 5.638

52, 70.698, 9.133

86, 7.239, 355.131

50, 75.931, 13.530

93, 1.945, 174.545

49, 79.787, 18.825

98, 9.266, 178.974

49, 80.609, 19.991

98, 8.566, 198.941

Harmonies

Complementary

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



69, 36.534, 358.932



85, 32.905, 170.562

Rectangle

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



69, 36.534, 358.932



69, 36.534, 48.932



69, 36.534, 178.932



69, 36.534, 228.932

Sweetspot

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



69, 36.531, 358.934



93, 11.117, 355.477



68, 51.531, 316.304



48, 7.489, 355.624



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, 36.531, 358.934



72, 47.394, 0.210



72, 31.321, 36.273



45, 5.254, 355.304



38, 66.393, 18.959



7, 26.685, 7.254

Inverse Universe

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



69, 36.531, 358.934



72, 47.394, 0.210



82, 23.716, 217.010



45, 5.254, 355.304



38, 66.393, 18.959



7, 26.685, 7.254

Previews

White Background



This preview shows how the CIELCh color 69, 36.534, 358.932 looks on a white background.

Color Contrast Check

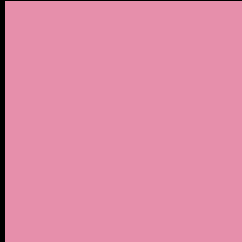
Large Text (above 18pt) WCAG AA × Fail

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, 36.534, 358.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

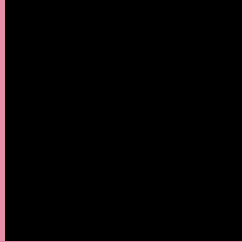
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 36.534, 358.932

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.534, 358.932.



This preview shows how white text looks on a background with the CIELCh color 69, 36.534, 358.932.

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
69, 36.534, 358.932

Protanopia
69, 9.886, 289.084

Deuteranopia
69, 9.128, 6.361



Tritanopia
69, 33.574, 12.743

Trichromacy



Original Color
69, 36.534, 358.932

Protanomaly
69, 16.776, 334.994

Deuteranomaly
69, 18.963, 1.101

Tritanomaly
69, 34.605, 7.737

Monochromacy



Original Color
69, 36.534, 358.932

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.647, 354.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.534, 358.932 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, 143, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 143, 171)  
}
```

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, 143, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 143, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.534, 358.932 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, 143, 171) }
```

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

```
.border{ border-color:rgb(230, 143, 171) }
```

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

Here you see how a box with a 4 pixel rgb(230, 143, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 143, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 143, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 143,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.534, 358.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 143, 171) }
```

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

```
.background{ background-color: rgb(230,  
143, 171) }
```

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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