

Converting Colors

CIELCh(69, 36.687, 331.481)

Have a look what the booklet for
CIELCh(69, 36.687, 331.481)
contains.

CIELCh(69, 36.913, 331.446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 36.913, 331.446)

Conversions

Conversions Part 1

Format	Color
Hex	D494C9
RGB	212, 148, 201
RGB Percent	83%, 58%, 79%
CMY	0.1690, 0.4200, 0.2121
CMYK	0.00, 0.30, 0.05, 0.17
HSL	310°, 43%, 71%
HSV	310°, 30%, 83%
XYZ	48.2283, 39.3444, 60.2497
YIQ	173.1780, 21.1310, 30.0510

Conversions

Conversions Part 2

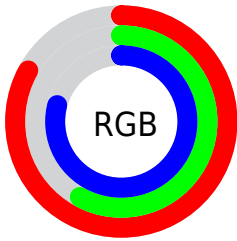
Format	Color
R _Y B	212, 148, 201
Decimal	13931721
CIE Lab	69.00, 32.42, -17.64
CIE LCh	69, 36.913, 331.446
Yxy	39.3444, 0.3263, 0.2662
Android (android.graphics.Color)	4292121801 (0xFFD494C9)
YUV	173.1780, 13.7162, 34.0469
Hunter-Lab	62.7251, 27.4768, -13.0426

Details

The CIELCh color $69, 36.913, 331.446$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 36.797, 147.302$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $49, 37.002, 331.154$ is the 20% darker color. If you saturate the color by 10%, you get $64, 48.757, 332.106$, and if you desaturate by 10%, it is $74, 24.702, 330.798$.

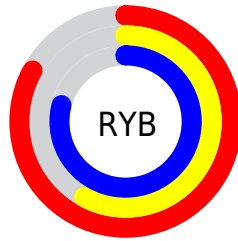
Distribution



Red (83%)

Green (58%)

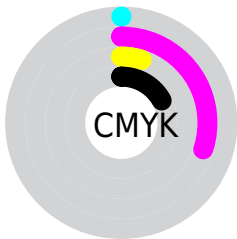
Blue (79%)



Red (83%)

Yellow (58%)

Blue (79%)

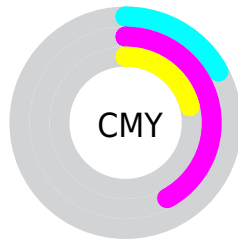


Cyan (0%)

Magenta (30%)

Yellow (5%)

Black (17%)



Cyan (17%)

Magenta (42%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 36.913, 331.446 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, 36.913, 331.446 by changing the saturation by 10% instead.

 69, 36.913,
331.446

 69, 36.913,
331.446

 100, 36.913,
331.446


 59, 36.913,
331.446

 89, 36.913,
331.446

 49, 36.913,
331.446

 99, 36.913,
331.446

 39, 36.913,
331.446

 29, 36.913,
331.446

 19, 36.913,
331.446

 9, 36.913, 331.446

 0, 36.913, 331.446

69, 36.913,
331.446

69, 36.913,
331.446

64, 48.757,
332.106

74, 24.702,
330.798

60, 59.850,
332.777

79, 12.417,
330.159

56, 69.698,
333.462

85, 0.248, 328.312

53, 77.759,
334.167

90, 11.684,
149.023

51, 83.543,
334.909

96, 23.310,
148.453


49, 86.769,
335.714

96, 22.565,
151.205

48, 87.794,
336.582

96, 21.183,
154.510

96, 19.873,
158.247

 97, 18.650,
162.476

Harmonies

Complementary

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



69, 36.913, 331.446



80, 36.797, 147.302

Rectangle

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



69, 36.913, 331.446



69, 36.913, 21.446



69, 36.913, 151.446



69, 36.913, 201.446

Sweetspot

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



69, 36.910, 331.446



94, 12.725, 330.088



64, 35.964, 299.391



49, 8.851, 330.183



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, 36.910, 331.446



78, 50.941, 331.853



68, 27.215, 356.979



42, 6.967, 330.110



39, 74.926, 336.436



6, 29.042, 334.579

Inverse Universe

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



69, 36.910, 331.446



78, 50.941, 331.853



80, 25.156, 170.705



42, 6.967, 330.110



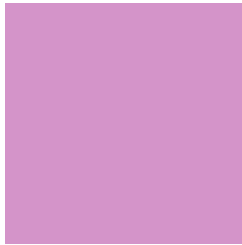
39, 74.926, 336.436



6, 29.042, 334.579

Previews

White Background



This preview shows how the CIELCh color 69, 36.913, 331.446 looks on a white background.

Color Contrast Check

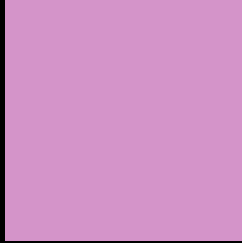
Large Text (above 18pt) WCAG AA × Fail

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, 36.913, 331.446 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, 36.913, 331.446

Background



This preview shows how black text looks on a background with the CIELCh color 69, 36.913, 331.446.



This preview shows how white text looks on a background with the CIELCh color 69, 36.913, 331.446.

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, 36.913, 331.446

Protanopia
69, 25.924, 285.440

Deuteranopia
69, 18.311, 298.583



Tritanopia
69, 21.630, 3.999

Trichromacy



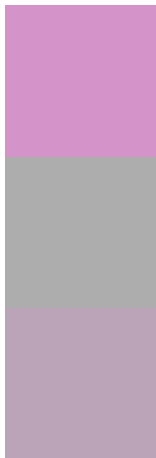
Original Color
69, 36.913, 331.446

Protanomaly
69, 27.717, 304.954

Deuteranomaly
69, 24.116, 315.780

Tritanomaly
69, 26.057, 347.657

Monochromacy



Original Color
69, 36.913, 331.446

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 13.524, 330.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 36.913, 331.446 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(212, 148, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 148, 201)  
}
```

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(212, 148, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 148, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 36.913, 331.446 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(212, 148, 201) }
```

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

```
.border{ border-color:rgb(212, 148, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 148, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 148, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 148, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 148,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 36.913, 331.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 148, 201) }
```

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

```
.background{ background-color: rgb(212,  
148, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor