

Converting Colors

CIELCh(72, 15.737, 341.369)

Have a look what the booklet for
CIELCh(72, 15.737, 341.369)
contains.

CIELCh(72, 15.482, 341.694)	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(72, 15.482, 341.694)

Conversions

Conversions Part 1

Format	Color
Hex	C8A8BA
RGB	200, 168, 186
RGB Percent	78%, 66%, 73%
CMY	0.2169, 0.3424, 0.2718
CMYK	0.00, 0.16, 0.07, 0.22
HSL	326°, 22%, 72%
HSV	326°, 16%, 78%
XYZ	46.5100, 43.6590, 52.2560
YIQ	179.6200, 13.2940, 12.3820

Conversions

Conversions Part 2

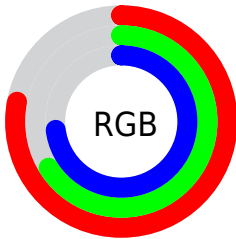
Format	Color
R _Y B	200, 168, 186
Decimal	13150394
CIE Lab	72.00, 14.70, -4.86
CIE LCh	72, 15.482, 341.694
Yxy	43.6590, 0.3266, 0.3065
Android (android.graphics.Color)	4291340474 (0xFFC8A8BA)
YUV	179.6200, 3.1453, 17.8733
Hunter-Lab	66.0750, 10.0145, -0.6376

Details

The CIELCh color $72, 15.482, 341.694$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 15.251, 159.144$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.067, 339.873$, and $52, 15.473, 341.845$ is the 20% darker color. If you saturate the color by 10%, you get $67, 25.299, 342.614$, and if you desaturate by 10%, it is $77, 5.760, 340.829$.

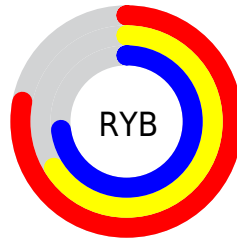
Distribution



Red (78%)

Green (66%)

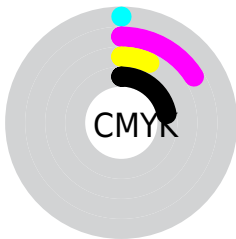
Blue (73%)



Red (78%)

Yellow (66%)

Blue (73%)

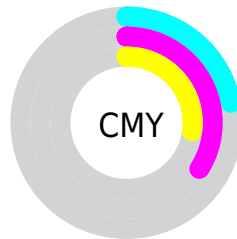


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (22%)



Cyan (22%)


Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 15.482, 341.694 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 72, 15.482, 341.694 by changing the saturation by 10% instead.


 72, 15.482,
341.694


 72, 15.482,
341.694


 100, 15.482,
341.694


 62, 15.482,
341.694


 92, 15.482,
341.694

 52, 15.482,
341.694

 42, 15.482,
341.694

 32, 15.482,
341.694

 22, 15.482,
341.694

 12, 15.482,
341.694

 2, 15.482, 341.694

■ 0, 15.482, 341.694

■ 72, 15.482,
341.694

■ 72, 15.482,
341.694

■ 67, 25.299,
342.614

■ 77, 5.760, 340.829

■ 83, 3.748, 160.242

■ 62, 35.036,
343.631

■ 88, 12.985,
159.471

■ 57, 44.411,
344.782

■ 94, 21.922,
158.812

■ 53, 53.043,
346.115

■ 96, 23.338,
163.695

■ 50, 60.459,
347.702

■ 96, 20.841,
173.505

■ 47, 66.163,
349.640

■ 96, 19.047,

■ 45, 69.780,
352.059

185.495

■ 44, 71.255,
355.094

■ 96, 18.198,
198.301

■ 43, 71.567,
356.412

Harmonies

Complementary

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



72, 15.482, 341.694



78, 15.251, 159.144

Rectangle

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



72, 15.482, 341.694



72, 15.482, 31.694



72, 15.482, 161.694



72, 15.482, 211.694

Sweetspot

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



72, 15.480, 341.696



97, 5.830, 340.742



71, 18.265, 307.499



51, 3.980, 340.808



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 15.480, 341.696



88, 22.449, 341.986



72, 12.438, 15.167



39, 5.428, 341.122



35, 61.750, 355.840



4, 18.539, 349.129

Inverse Universe

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



72, 15.480, 341.696



88, 22.449, 341.986



78, 11.366, 192.800



39, 5.428, 341.122



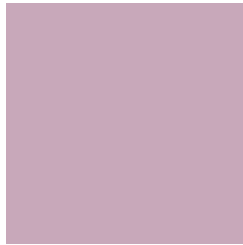
35, 61.750, 355.840



4, 18.539, 349.129

Previews

White Background



This preview shows how the CIELCh color 72, 15.482, 341.694 looks on a white background.

Color Contrast Check

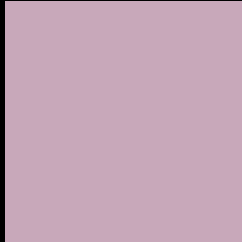
Large Text (above 18pt) WCAG AA × Fail

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 72, 15.482, 341.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

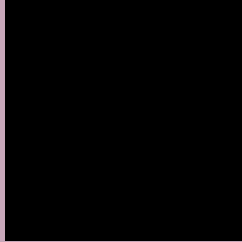
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 15.482, 341.694

Background



This preview shows how black text looks on a background with the CIELCh color 72, 15.482, 341.694.



This preview shows how white text looks on a background with the CIELCh color 72, 15.482, 341.694.

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

72, 15.482, 341.694

Protanopia

72, 7.625, 290.925

Deuteranopia

72, 10.440, 333.462



Tritanopia
72, 13.960, 347.713

Trichromacy



Original Color
72, 15.482, 341.694

Protanomaly
72, 9.336, 319.138

Deuteranomaly
72, 12.156, 338.372

Tritanomaly
72, 14.247, 345.858

Monochromacy



Original Color
72, 15.482, 341.694

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 5.578, 344.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 15.482, 341.694 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(200, 168, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 186)  
}
```

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(200, 168, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 15.482, 341.694 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(200, 168, 186) }
```

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

```
.border{ border-color:rgb(200, 168, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 15.482, 341.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 186) }
```

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

```
.background{ background-color: rgb(200,  
168, 186) }
```

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