

Converting Colors

CIELCh(72, 16.105, 345.933)

Have a look what the booklet for
CIELCh(72, 16.105, 345.933)
contains.

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Color

CIELCh(72, 16.089, 345.925)

Conversions

Conversions Part 1

Format	Color
Hex	CAA7B8
RGB	202, 167, 184
RGB Percent	79%, 65%, 72%
CMY	0.2078, 0.3450, 0.2784
CMYK	0.00, 0.17, 0.09, 0.21
HSL	331°, 25%, 72%
HSV	331°, 17%, 79%
XYZ	46.8321, 43.6590, 51.3106
YIQ	179.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

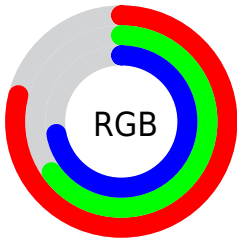
Format	Color
R _Y B	202, 167, 184
Decimal	13281208
CIE Lab	72.00, 15.61, -3.91
CIE LCh	72, 16.089, 345.925
Yxy	43.6590, 0.3303, 0.3079
Android (android.graphics.Color)	4291471288 (0xFFCAA7B8)
YUV	179.4030, 2.2663, 19.8176
Hunter-Lab	66.0750, 10.8846, 0.2107

Details

The CIELCh color $72, 16.089, 345.925$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $78, 15.717, 162.939$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 15.037, 342.312$, and $52, 16.126, 346.420$ is the 20% darker color. If you saturate the color by 10%, you get $67, 25.576, 346.960$, and if you desaturate by 10%, it is $77, 6.722, 344.980$.

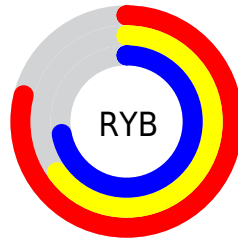
Distribution



Red (79%)

Green (65%)

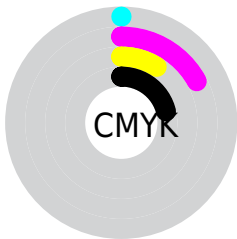
Blue (72%)



Red (79%)

Yellow (65%)

Blue (72%)

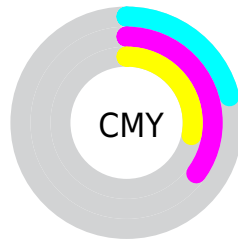


Cyan (0%)

Magenta (17%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.089, 345.925 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, 16.089, 345.925 by changing the saturation by 10% instead.


 72, 16.089,
345.925


 72, 16.089,
345.925


 100, 16.089,
345.925


 62, 16.089,
345.925


 92, 16.089,
345.925

 52, 16.089,
345.925

 42, 16.089,
345.925

 32, 16.089,
345.925

 22, 16.089,
345.925

 12, 16.089,
345.925

 2, 16.089, 345.925

■ 0, 16.089, 345.925

■ 72, 16.089,
345.925

■ 72, 16.089,
345.925

■ 67, 25.576,
346.960

■ 77, 6.722, 344.980

■ 83, 2.410, 164.391

■ 62, 35.009,
348.129

■ 88, 11.254,
163.507

■ 57, 44.112,
349.487

■ 94, 19.788,
162.804

■ 53, 52.502,
351.102

■ 96, 20.735,
170.008

■ 50, 59.713,
353.075

■ 96, 18.418,
184.290

■ 47, 65.273,
355.540

■ 97, 17.486,

■ 45, 68.865, 198.347
358.659

■ 44, 70.578, 2.560

■ 43, 70.945, 3.666

Harmonies

Complementary

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



72, 16.089, 345.925



78, 15.717, 162.939

Rectangle

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



72, 16.089, 345.925



72, 16.089, 35.925



72, 16.089, 165.925



72, 16.089, 215.925

Sweetspot

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



72, 16.087, 345.928



97, 5.529, 344.760



71, 20.218, 309.863



51, 3.775, 344.831



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, 16.087, 345.928



86, 23.646, 346.323



72, 13.658, 20.580



40, 5.261, 345.175



35, 61.298, 2.972



4, 19.780, 354.421

Inverse Universe

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



72, 16.087, 345.928



86, 23.646, 346.323



79, 12.209, 198.536



40, 5.261, 345.175



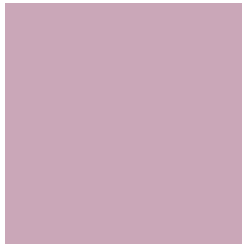
35, 61.298, 2.972



4, 19.780, 354.421

Previews

White Background



This preview shows how the CIELCh color 72, 16.089, 345.925 looks on a white background.

Color Contrast Check

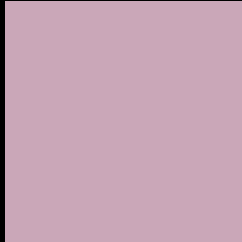
Large Text (above 18pt) WCAG AA × Fail

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 72, 16.089, 345.925 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, 16.089, 345.925

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.089, 345.925.



This preview shows how white text looks on a background with the CIELCh color 72, 16.089, 345.925.

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, 16.089, 345.925

Protanopia
72, 7.081, 290.873

Deuteranopia
72, 9.966, 339.385



Tritanopia
72, 14.684, 352.096

Trichromacy



Original Color
72, 16.089, 345.925

Protanomaly
72, 8.864, 320.811

Deuteranomaly
72, 11.774, 343.618

Tritanomaly
72, 14.931, 350.245

Monochromacy



Original Color
72, 16.089, 345.925

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, 16.089, 345.925 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(202, 167, 184)` looks like.

```
.text, #text, p{  
    color:rgb(202, 167, 184)  
}
```

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(202, 167, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 167, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.089, 345.925 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(202, 167, 184) }
```

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

```
.border{ border-color:rgb(202, 167, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 167, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 167, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 167, 184);  
box-shadow:4px 4px 4px 4px rgb(202, 167,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.089, 345.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 167, 184) }
```

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

```
.background{ background-color: rgb(202,  
167, 184) }
```

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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