

Converting Colors

CIELCh(73, 21.041, 326.591)

Have a look what the booklet for
CIELCh(73, 21.041, 326.591)
contains.

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Color

CIELCh(73, 21.166, 326.151)

Conversions

Conversions Part 1

Format	Color
Hex	CAA9C9
RGB	202, 169, 201
RGB Percent	79%, 66%, 79%
CMY	0.2077, 0.3371, 0.2117
CMYK	0.00, 0.16, 0.00, 0.21
HSL	302°, 24%, 73%
HSV	302°, 16%, 79%
XYZ	49.1031, 45.1644, 61.4043
YIQ	182.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

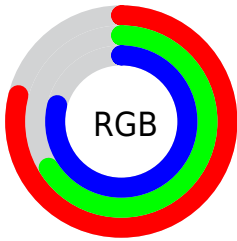
Format	Color
R _Y B	202, 169, 201
Decimal	13281737
CIE Lab	73.00, 17.58, -11.79
CIE LCh	73, 21.166, 326.151
Yxy	45.1644, 0.3154, 0.2901
Android (android.graphics.Color)	4291471817 (0xFFCAA9C9)
YUV	182.5150, 9.1131, 17.0883
Hunter-Lab	67.2044, 12.8136, -7.1298

Details

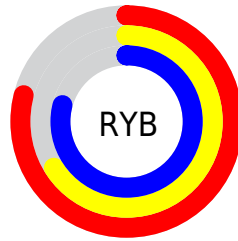
The CIELCh color $73, 21.166, 326.151$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 21.141, 144.247$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 19.393, 325.098$, and $53, 21.053, 326.437$ is the 20% darker color. If you saturate the color by 10%, you get $68, 34.147, 326.707$, and if you desaturate by 10%, it is $78, 8.165, 325.576$.

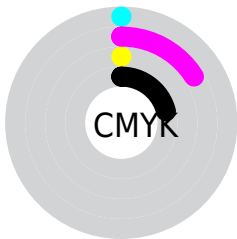
Distribution



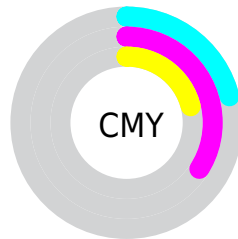
- Red (79%)
- Green (66%)
- Blue (79%)



- Red (79%)
- Yellow (66%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 21.166, 326.151 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 73, 21.166, 326.151 by changing the saturation by 10% instead.


 73, 21.166,
326.151


 73, 21.166,
326.151


 100, 21.166,
326.151


 63, 21.166,
326.151


 93, 21.166,
326.151

 53, 21.166,
326.151

 43, 21.166,
326.151

 33, 21.166,
326.151

 23, 21.166,
326.151

 13, 21.166,
326.151

 3, 21.166, 326.151

0, 21.166, 326.151

73, 21.166,
326.151

73, 21.166,
326.151

68, 34.147,
326.707

78, 8.165, 325.576

83, 4.672, 145.118

64, 46.854,
327.246

89, 17.235,
144.543

59, 58.928,
327.753

94, 29.461,
144.022

56, 69.918,
328.217

95, 32.332,
144.129

53, 79.317,
328.622

95, 32.075,
144.448

50, 86.641,
328.958

95, 31.819,

■ 49, 91.565,
329.222

144.773

■ 48, 94.075,
329.419

■ 95, 31.564,
145.102

■ 48, 94.683,
329.482

■ 95, 31.310,
145.436

Harmonies

Complementary

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



73, 21.166, 326.151



78, 21.141, 144.247

Rectangle

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



73, 21.166, 326.151



73, 21.166, 16.151



73, 21.166, 146.151



73, 21.166, 196.151

Sweetspot

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



73, 21.164, 326.151



97, 7.782, 325.498



70, 18.087, 292.562



51, 5.311, 325.543



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 21.164, 326.151



88, 31.335, 326.372



73, 15.129, 345.963



40, 7.385, 325.757



39, 81.762, 329.464



5, 28.347, 328.486

Inverse Universe

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



73, 21.164, 326.151



88, 31.335, 326.372



79, 14.797, 163.161



40, 7.385, 325.757



39, 81.762, 329.464



5, 28.347, 328.486

Previews

White Background



This preview shows how the CIELCh color 73, 21.166, 326.151 looks on a white background.

Color Contrast Check

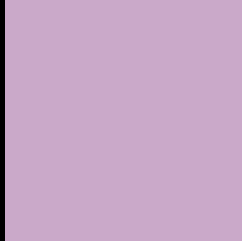
Large Text (above 18pt) WCAG AA × Fail

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 73, 21.166, 326.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

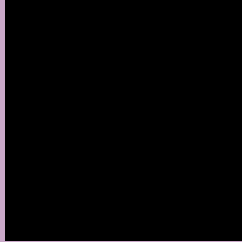
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 21.166, 326.151

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.166, 326.151.



This preview shows how white text looks on a background with the CIELCh color 73, 21.166, 326.151.

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

73, 21.166, 326.151

Protanopia

73, 15.783, 286.647

Deuteranopia

73, 14.317, 308.936



Tritanopia
73, 12.674, 346.821

Trichromacy



Original Color
73, 21.166, 326.151

Protanomaly
73, 16.677, 302.697

Deuteranomaly
73, 16.274, 316.406

Tritanomaly
73, 15.573, 336.711

Monochromacy



Original Color
73, 21.166, 326.151

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 7.907, 324.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.166, 326.151 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, 169, 201)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 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(202, 169, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.166, 326.151 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, 169, 201) }
```

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

```
.border{ border-color:rgb(202, 169, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 201);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.166, 326.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 201) }
```

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

```
.background{ background-color: rgb(202,  
169, 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](#).

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