

Converting Colors

CIELCh(73, 13.153, 350.784)

Have a look what the booklet for
CIELCh(73, 13.153, 350.784)
contains.

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Color

CIELCh(73, 13.394, 351.634)

Conversions

Conversions Part 1

Format	Color
Hex	CAABB7
RGB	202, 171, 183
RGB Percent	79%, 67%, 72%
CMY	0.2074, 0.3290, 0.2819
CMYK	0.00, 0.15, 0.09, 0.21
HSL	337°, 23%, 73%
HSV	337°, 15%, 79%
XYZ	47.5314, 45.1644, 51.0738
YIQ	181.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

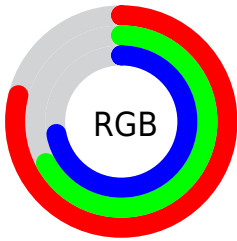
Format	Color
R_{YB}	202, 171, 183
Decimal	13282231
CIE _{Lab}	73.00, 13.25, -1.95
CIE _{LCh}	73, 13.394, 351.634
Yxy	45.1644, 0.3306, 0.3141
Android (android.graphics.Color)	4291472311 (0xFFCAABB7)
YUV	181.6370, 0.6720, 17.8584
Hunter-Lab	67.2044, 8.6391, 1.9841

Details

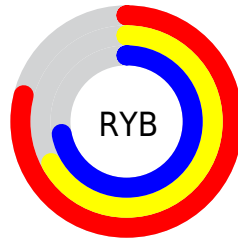
The CIELCh color $73, 13.394, 351.634$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.976, 168.846$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.374, 347.512$, and $53, 13.288, 352.544$ is the 20% darker color. If you saturate the color by 10%, you get $68, 22.414, 352.764$, and if you desaturate by 10%, it is $78, 4.587, 350.599$.

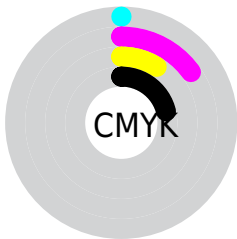
Distribution



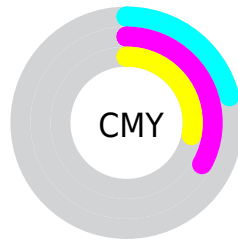
- Red (79%)
- Green (67%)
- Blue (72%)



- Red (79%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (21%)





- Cyan (21%)
- Magenta (33%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 13.394, 351.634 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, 13.394, 351.634 by changing the saturation by 10% instead.


 73, 13.394,
351.634


 73, 13.394,
351.634


 100, 13.394,
351.634


 63, 13.394,
351.634


 93, 13.394,
351.634

 53, 13.394,
351.634

 43, 13.394,
351.634

 33, 13.394,
351.634

 23, 13.394,
351.634

 13, 13.394,
351.634

 3, 13.394, 351.634

0, 13.394, 351.634

73, 13.394,
351.634

73, 13.394,
351.634

68, 22.414,
352.764

78, 4.587, 350.599

63, 31.512,
354.061

84, 3.923, 169.945

58, 40.460,
355.595

90, 12.105,
169.089

54, 48.927,
357.454

95, 19.954,
168.368

50, 56.496,
359.758

96, 18.609,
182.316

47, 62.727, 2.667

97, 17.453,
198.349

■ 45, 67.311, 6.357

■ 43, 70.264, 10.967

■ 43, 71.429, 13.288

Harmonies

Complementary

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



73, 13.394, 351.634



79, 12.976, 168.846

Rectangle

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



73, 13.394, 351.634



73, 13.394, 41.634



73, 13.394, 171.634



73, 13.394, 221.634

Sweetspot

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



73, 13.392, 351.638



97, 5.188, 350.569



72, 18.231, 313.128



51, 3.543, 350.647



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, 13.392, 351.638



88, 19.059, 351.951



73, 10.942, 29.016



40, 4.944, 351.023



35, 61.525, 12.451



4, 19.005, 0.270

Inverse Universe

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



73, 13.392, 351.638



88, 19.059, 351.951



78, 9.884, 208.436



40, 4.944, 351.023



35, 61.525, 12.451



4, 19.005, 0.270

Previews

White Background



This preview shows how the CIELCh color 73, 13.394, 351.634 looks on a white background.

Color Contrast Check

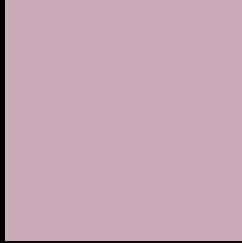
Large Text (above 18pt) WCAG AA × Fail

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 73, 13.394, 351.634 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, 13.394, 351.634

Background



This preview shows how black text looks on a background with the CIELCh color 73, 13.394, 351.634.



This preview shows how white text looks on a background with the CIELCh color 73, 13.394, 351.634.

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, 13.394, 351.634

Protanopia

73, 4.959, 299.159

Deuteranopia

73, 9.299, 348.603



Tritanopia
73, 13.647, 349.624

Trichromacy



Original Color
73, 13.394, 351.634

Protanomaly
73, 7.720, 329.341

Deuteranomaly
73, 10.879, 350.537

Tritanomaly
73, 13.647, 349.624

Monochromacy



Original Color
73, 13.394, 351.634

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.674, 352.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 13.394, 351.634 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, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(202, 171, 183)  
}
```

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, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 171, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 13.394, 351.634 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, 171, 183) }
```

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

```
.border{ border-color:rgb(202, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(202, 171,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 13.394, 351.634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 171, 183) }
```

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

```
.background{ background-color: rgb(202,  
171, 183) }
```

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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