

Converting Colors

CIELCh(74, 9.523, 4.332)

Have a look what the booklet for
CIELCh(74, 9.523, 4.332) contains.

CIELCh(74, 9.493, 3.711)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 9.493, 3.711)

Conversions

Conversions Part 1

Format	Color
Hex	C8B0B5
RGB	200, 176, 181
RGB Percent	78%, 69%, 71%
CMY	0.2154, 0.3095, 0.2899
CMYK	0.00, 0.12, 0.09, 0.22
HSL	348°, 18%, 74%
HSV	348°, 12%, 78%
XYZ	47.7228, 46.7039, 50.2510
YIQ	183.7460, 12.6990, 6.6430

Conversions

Conversions Part 2

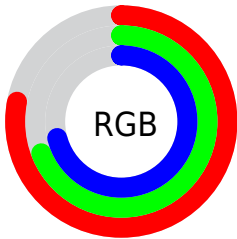
Format	Color
R_{YB}	200, 176, 181
Decimal	13152437
CIE Lab	74.00, 9.47, 0.61
CIE LCh	74, 9.493, 3.711
Yxy	46.7039, 0.3299, 0.3228
Android (android.graphics.Color)	4291342517 (0xFFC8B0B5)
YUV	183.7460, -1.3538, 14.2548
Hunter-Lab	68.3403, 5.0530, 4.2419

Details

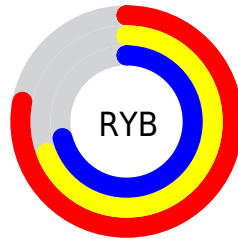
The CIELCh color $74, 9.493, 3.711$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 9.064, 181.607$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 8.657, 2.723$, and $54, 9.754, 3.408$ is the 20% darker color. If you saturate the color by 10%, you get $69, 17.835, 4.882$, and if you desaturate by 10%, it is $80, 1.540, 2.476$.

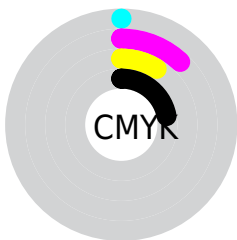
Distribution



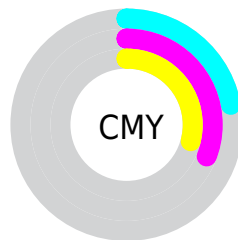
- Red (78%)
- Green (69%)
- Blue (71%)



- Red (78%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (22%)



- Cyan (22%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.493, 3.711 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 74, 9.493, 3.711 by changing the saturation by 10% instead.

■ 74, 9.493, 3.711

■ 74, 9.493, 3.711

■ 100, 9.493, 3.711

■ 64, 9.493, 3.711

■ 94, 9.493, 3.711

■ 54, 9.493, 3.711

■ 44, 9.493, 3.711

■ 34, 9.493, 3.711

■ 24, 9.493, 3.711

■ 14, 9.493, 3.711

■ 4, 9.493, 3.711

■ 0, 9.493, 3.711

■ 74, 9.493, 3.711

■ 74, 9.493, 3.711

69, 17.835, 4.882

80, 1.540, 2.476

63, 26.506, 6.255

85, 5.996, 182.055

59, 35.366, 7.923

91, 13.124,
181.277

54, 44.193, 9.995

96, 19.343,
181.887

50, 52.677, 12.605

47, 60.469, 15.907

96, 18.080,
198.309

44, 67.288, 20.032

43, 73.061, 24.974

42, 77.215, 29.157

Harmonies

Complementary

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



74, 9.493, 3.711



79, 9.064, 181.607

Rectangle

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



74, 9.493, 3.711



74, 9.493, 53.711



74, 9.493, 183.711



74, 9.493, 233.711

Sweetspot

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



74, 9.491, 3.719



97, 3.777, 2.832



74, 14.748, 318.818



51, 2.689, 2.929



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 9.491, 3.719



91, 13.565, 3.963



76, 7.527, 48.749



39, 4.436, 3.436



34, 65.886, 28.264



3, 16.205, 8.746

Inverse Universe

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



74, 9.491, 3.719



91, 13.565, 3.963



77, 7.035, 230.406



39, 4.436, 3.436



34, 65.886, 28.264



3, 16.205, 8.746

Previews

White Background



This preview shows how the CIELCh color 74, 9.493, 3.711 looks on a white background.

Color Contrast Check

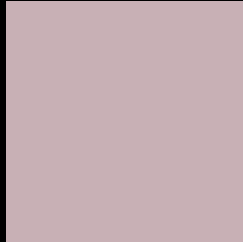
Large Text (above 18pt) WCAG AA × Fail

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 74, 9.493, 3.711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

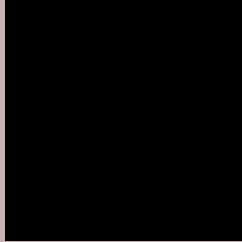
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 9.493, 3.711

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.493, 3.711.



This preview shows how white text looks on a background with the CIELCh color 74, 9.493, 3.711.

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

74, 9.493, 3.711

Protanopia

74, 2.220, 332.340

Deuteranopia

74, 9.493, 3.711



Tritanopia
74, 12.329, 342.658

Trichromacy



Original Color

74, 9.493, 3.711

Protanomaly

74, 4.670, 352.134

Deuteranomaly

74, 9.493, 3.711

Tritanomaly

74, 11.445, 349.152

Monochromacy



Original Color

74, 9.493, 3.711

Achromatopsia

75, 0.009, 296.813

Achromatomaly

74, 3.548, 1.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.493, 3.711 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, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(200, 176, 181)  
}
```

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, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 176, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.493, 3.711 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, 176, 181) }
```

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

```
.border{ border-color:rgb(200, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(200, 176,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.493, 3.711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 176, 181) }
```

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

```
.background{ background-color: rgb(200,  
176, 181) }
```

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