

# Converting Colors

CIELCh(74, 19.470, 6.823)

Have a look what the booklet for  
CIELCh(74, 19.470, 6.823) contains.

<b>CIELCh(74, 19.448, 6.810)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(74, 19.448, 6.810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAA9B2
RGB	218, 169, 178
RGB Percent	85%, 66%, 70%
CMY	0.1436, 0.3358, 0.3005
CMYK	0.00, 0.22, 0.18, 0.14
HSL	349°, 40%, 76%
HSV	349°, 22%, 86%
XYZ	51.3553, 46.7039, 48.6189
YIQ	184.6770, 26.3150, 13.1870

# Conversions

## Conversions Part 2

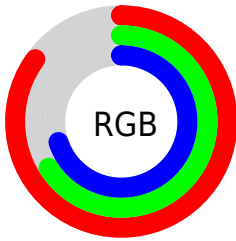
Format	Color
R <sub>Y</sub> B	218, 169, 178
Decimal	14330290
CIE Lab	74.00, 19.31, 2.31
CIE LCh	74, 19.448, 6.810
Yxy	46.7039, 0.3501, 0.3184
Android (android.graphics.Color)	4292520370 (0xFFDAA9B2)
YUV	184.6770, -3.2918, 29.2243
Hunter-Lab	68.3403, 14.5410, 5.6578

# Details

The CIELCh color **74, 19.448, 6.810** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 17.664, 182.517**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.318, 355.552**, and **54, 19.070, 7.884** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.768, 8.208**, and if you desaturate by 10%, it is **80, 10.503, 5.644**.

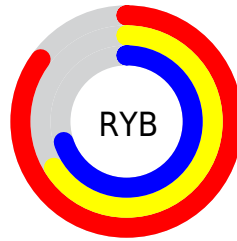
# Distribution



Red (85%)

Green (66%)

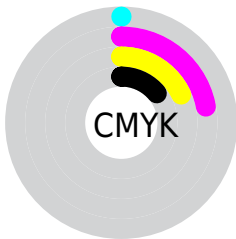
Blue (70%)



Red (85%)

Yellow (66%)

Blue (70%)

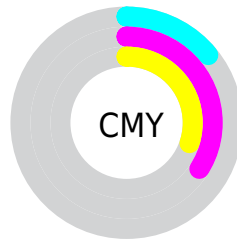


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (14%)



Cyan (14%)

Magenta (34%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 19.448, 6.810 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, 19.448, 6.810 by changing the saturation by 10% instead.



 74, 19.448, 6.810       74, 19.448, 6.810

 100, 19.448, 6.810       64, 19.448, 6.810

 94, 19.448, 6.810       54, 19.448, 6.810

 44, 19.448, 6.810

 34, 19.448, 6.810

 24, 19.448, 6.810

 14, 19.448, 6.810

 4, 19.448, 6.810

 0, 19.448, 6.810

 74, 19.448, 6.810

 74, 19.448, 6.810

68, 28.768, 8.208

80, 10.503, 5.644

63, 38.327, 9.917

86, 2.009, 4.456

58, 47.886, 12.051

92, 6.018, 183.992

54, 57.115, 14.752

97, 12.795,  
186.343

51, 65.647, 18.171

98, 12.326,  
198.682

48, 73.195, 22.413

46, 79.676, 27.407

46, 84.066, 31.296

# Harmonies

# Complementary

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



74, 19.448, 6.810



84, 17.664, 182.517

# Rectangle

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



74, 19.448, 6.810



74, 19.448, 56.810



74, 19.448, 186.810



74, 19.448, 236.810

# Sweetspot

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



74, 19.446, 6.815



95, 6.602, 5.063



74, 29.985, 319.804



50, 4.297, 5.129



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, 19.446, 6.815



82, 26.836, 7.449



77, 15.690, 50.145



43, 4.768, 5.319



36, 70.180, 30.389



5, 23.733, 12.334





# Inverse Universe

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



74, 19.446, 6.815



82, 26.836, 7.449



80, 13.766, 233.595



43, 4.768, 5.319



36, 70.180, 30.389



5, 23.733, 12.334



# Previews

## White Background



This preview shows how the CIELCh color 74, 19.448, 6.810 looks on a white background.

## Color Contrast Check

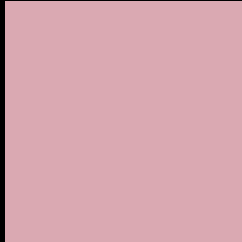
Large Text (above 18pt) WCAG AA × Fail

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, 19.448, 6.810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

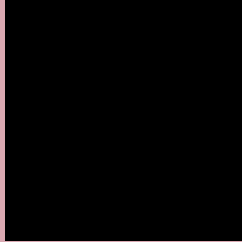
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**CIELCh 74, 19.448, 6.810**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 74, 19.448, 6.810.

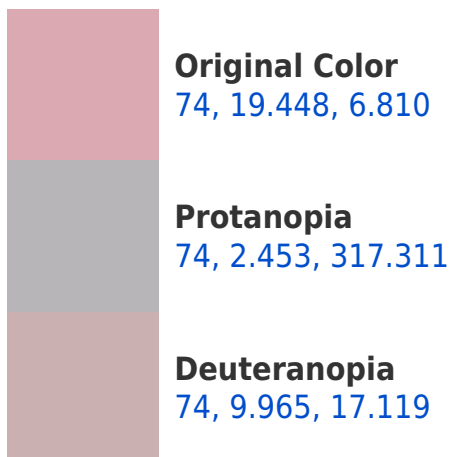


This preview shows how white text looks on a background with the CIELCh color 74, 19.448, 6.810.

# 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





**Tritanopia**  
74, 20.302, 1.186



# Trichromacy



**Original Color**  
74, 19.448, 6.810

**Protanomaly**  
74, 8.214, 356.868

**Deuteranomaly**  
74, 13.159, 13.496

**Tritanomaly**  
74, 20.163, 2.645

# Monochromacy



**Original Color**  
74, 19.448, 6.810

**Achromatopsia**  
75, 0.009, 296.813

**Achromatomaly**  
75, 7.125, 2.360

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 19.448, 6.810 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(218, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 178)  
}
```

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(218, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 178) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 19.448, 6.810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

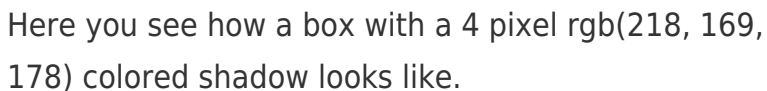
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 169, 178) }
```

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

```
.border{ border-color:rgb(218, 169, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 169, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 169, 178); box-shadow:4px 4px 4px 4px rgb(218, 169, 178) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 19.448, 6.810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 178) }
```

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

```
.background{ background-color: rgb(218,  
169, 178) }
```

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