

# Converting Colors

CIELCh(74, 19.152, 17.890)

Have a look what the booklet for  
CIELCh(74, 19.152, 17.890) contains.

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# Color

**CIELCh(74, 19.154, 17.884)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBAAAC
RGB	219, 170, 172
RGB Percent	86%, 67%, 67%
CMY	0.1418, 0.3339, 0.3261
CMYK	0.00, 0.22, 0.21, 0.14
HSL	358°, 40%, 76%
HSV	358°, 22%, 86%
XYZ	50.9470, 46.7039, 45.2862
YIQ	184.8790, 28.5620, 11.0100

# Conversions

## Conversions Part 2

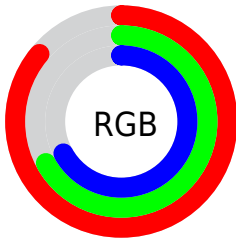
Format	Color
R <sub>Y</sub> B	219, 170, 172
Decimal	14396076
CIE Lab	74.00, 18.23, 5.88
CIE LCh	74, 19.154, 17.884
Yxy	46.7039, 0.3564, 0.3267
Android (android.graphics.Color)	4292586156 (0xFFDBAAAC)
YUV	184.8790, -6.3493, 29.9241
Hunter-Lab	68.3403, 13.4744, 8.5493

# Details

The CIELCh color **74, 19.154, 17.884** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 16.694, 194.622**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.984, 14.770**, and **54, 18.888, 18.147** is the 20% darker color. If you saturate the color by 10%, you get **68, 28.682, 19.130**, and if you desaturate by 10%, it is **80, 10.217, 16.896**.

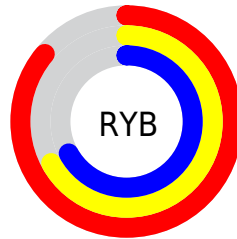
# Distribution



Red (86%)

Green (67%)

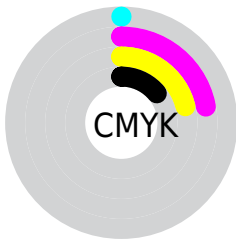
Blue (67%)



Red (86%)

Yellow (67%)

Blue (67%)

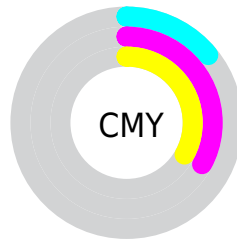


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 19.154, 17.884 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, 19.154, 17.884 by changing the saturation by 10% instead.



74, 19.154, 17.884

74, 19.154, 17.884

100, 19.154,  
17.884

64, 19.154, 17.884

94, 19.154, 17.884

54, 19.154, 17.884

44, 19.154, 17.884

34, 19.154, 17.884

24, 19.154, 17.884

14, 19.154, 17.884

4, 19.154, 17.884

0, 19.154, 17.884

74, 19.154, 17.884

74, 19.154, 17.884

68, 28.682, 19.130

80, 10.217, 16.896

63, 38.722, 20.715

86, 1.897, 15.874

58, 49.098, 22.758

92, 5.831, 195.659

54, 59.537, 25.379

98, 12.176,  
198.692

50, 69.689, 28.657

48, 79.128, 32.507

46, 87.139, 36.434

46, 91.513, 38.672

# Harmonies

# Complementary

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



74, 19.154, 17.884



84, 16.694, 194.622

# Rectangle

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



74, 19.154, 17.884



74, 19.154, 67.884



74, 19.154, 197.884



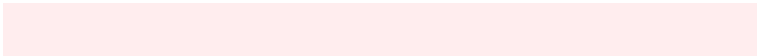
74, 19.154, 247.884

# Sweetspot

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



74, 19.152, 17.890



95, 6.411, 16.420



75, 31.179, 324.243



50, 4.175, 16.475



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, 19.152, 17.890



82, 26.602, 18.454



79, 15.854, 67.229



43, 4.641, 16.632



36, 76.500, 38.250



5, 23.780, 18.513





# Inverse Universe

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



74, 19.152, 17.890



82, 26.602, 18.454



78, 14.649, 252.958



43, 4.641, 16.632



36, 76.500, 38.250

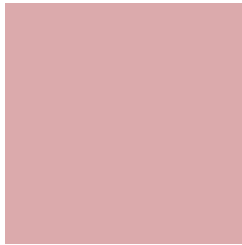


5, 23.780, 18.513



# Previews

## White Background



This preview shows how the CIELCh color 74, 19.154, 17.884 looks on a white background.

## Color Contrast Check

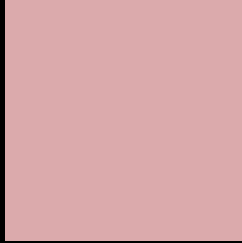
Large Text (above 18pt) WCAG AA × Fail

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 74, 19.154, 17.884 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

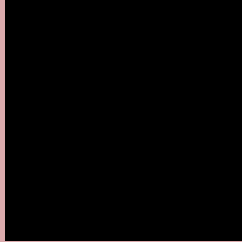
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 74, 19.154, 17.884

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 19.154, 17.884.



This preview shows how white text looks on a background with the CIELCh color 74, 19.154, 17.884.

# 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, 19.154, 17.884

### Protanopia

74, 2.468, 60.272

### Deuteranopia

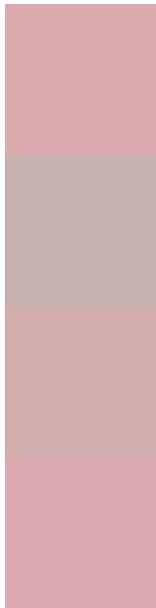
74, 11.207, 34.086



**Tritanopia**  
74, 21.056, 2.017



# Trichromacy



**Original Color**  
74, 19.154, 17.884

**Protanomaly**  
74, 8.045, 23.846

**Deuteranomaly**  
74, 13.736, 27.231

**Tritanomaly**  
74, 20.211, 7.450

# Monochromacy



**Original Color**  
74, 19.154, 17.884

**Achromatopsia**  
75, 0.009, 296.813

**Achromatomaly**  
74, 6.844, 15.404

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 19.154, 17.884 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(219, 170, 172)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 172)  
}
```

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(219, 170, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 172) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 19.154, 17.884 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(219, 170, 172) }
```

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

```
.border{ border-color:rgb(219, 170, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 170, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 172);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
172) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 19.154, 17.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 170, 172) }
```

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

```
.background{ background-color: rgb(219,  
170, 172) }
```

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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