

# Converting Colors

CIELCh(74, 41.078, 2.579)

Have a look what the booklet for  
CIELCh(74, 41.078, 2.579) contains.

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# **Color**

**CIELCh(74, 41.159, 2.520)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FD98B4
RGB	253, 152, 180
RGB Percent	99%, 60%, 71%
CMY	0.0073, 0.4034, 0.2936
CMYK	0.00, 0.40, 0.29, 0.01
HSL	343°, 96%, 79%
HSV	343°, 40%, 99%
XYZ	60.0555, 46.7039, 49.0941
YIQ	185.3910, 51.2080, 30.1200

# Conversions

## Conversions Part 2

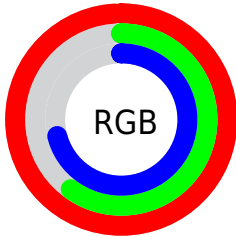
Format	Color
R <sub>Y</sub> B	253, 152, 180
Decimal	16619700
CIE Lab	74.00, 41.12, 1.81
CIE LCh	74, 41.159, 2.520
Yxy	46.7039, 0.3853, 0.2997
Android (android.graphics.Color)	4294809780 (0xFFFD98B4)
YUV	185.3910, -2.6578, 59.2931
Hunter-Lab	68.3403, 37.2652, 5.2456

# Details

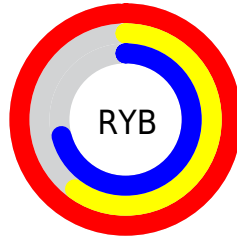
The CIELCh color **74, 41.159, 2.520** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 36.070, 173.434**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 22.263, 340.279**, and **54, 41.016, 2.804** is the 20% darker color. If you saturate the color by 10%, you get **68, 51.690, 4.469**, and if you desaturate by 10%, it is **80, 30.471, 0.935**.

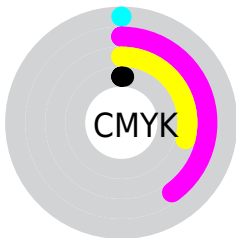
# Distribution



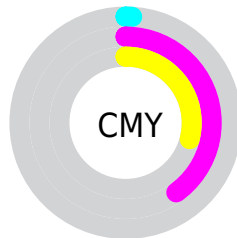
- Red (99%)
- Green (60%)
- Blue (71%)



- Red (99%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (40%)
- Yellow (29%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.159, 2.520 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, 41.159, 2.520 by changing the saturation by 10% instead.




 74, 41.159, 2.520       74, 41.159, 2.520

 100, 41.159, 2.520       64, 41.159, 2.520

 94, 41.159, 2.520       54, 41.159, 2.520


 44, 41.159, 2.520

 34, 41.159, 2.520

 24, 41.159, 2.520

 14, 41.159, 2.520

 4, 41.159, 2.520

 0, 41.159, 2.520

 74, 41.159, 2.520       74, 41.159, 2.520

68, 51.690, 4.469

80, 30.471, 0.935

64, 61.663, 6.904

86, 19.929,  
359.609

60, 70.597, 9.993

93, 9.711, 358.462

56, 78.087, 13.907

99, 0.088, 184.140

54, 84.016, 18.751

100, 0.648,  
200.387

53, 88.849, 24.309

53, 88.898, 24.362

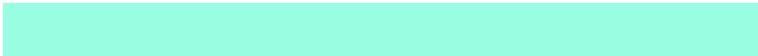
# Harmonies

# Complementary

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



74, 41.159, 2.520



93, 36.070, 173.434

# Rectangle

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



74, 41.159, 2.520



74, 41.159, 52.520



74, 41.159, 182.520



74, 41.159, 232.520

# Sweetspot

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



74, 41.156, 2.522



92, 11.892, 358.693



73, 59.276, 317.975



48, 7.910, 358.839



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, 41.156, 2.522



70, 50.012, 4.069



78, 34.961, 41.025



50, 5.604, 358.419



40, 71.516, 23.297



10, 31.562, 14.294





# Inverse Universe

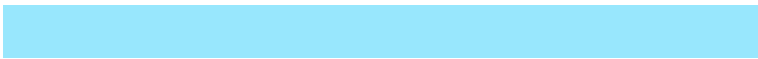
The Inverse Universe completely reimagines the original color for something new.



74, 41.156, 2.522



70, 50.012, 4.069



88, 26.205, 224.118



50, 5.604, 358.419



40, 71.516, 23.297

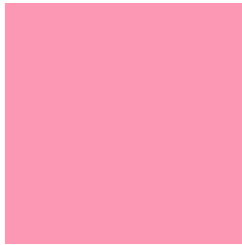


10, 31.562, 14.294



# Previews

## White Background



This preview shows how the CIELCh color 74, 41.159, 2.520 looks on a white background.

## Color Contrast Check

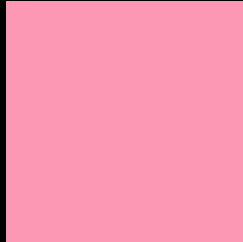
Large Text (above 18pt) WCAG AA × Fail

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, 41.159, 2.520 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, 41.159, 2.520

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.159, 2.520.

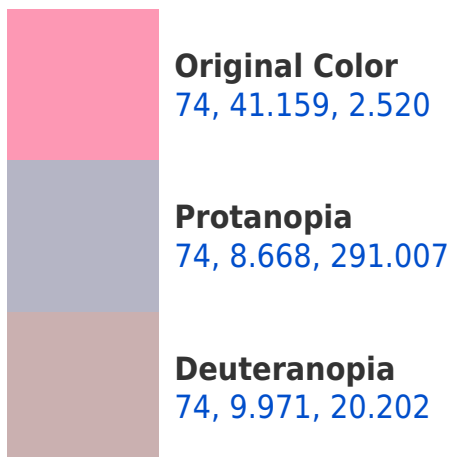


This preview shows how white text looks on a background with the CIELCh color 74, 41.159, 2.520.

# 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, 38.717, 14.594



# Trichromacy



**Original Color**  
74, 41.159, 2.520



**Protanomaly**  
74, 17.244, 342.175



**Deuteranomaly**  
74, 21.489, 6.951



**Tritanomaly**  
74, 39.201, 10.088

# Monochromacy



**Original Color**  
74, 41.159, 2.520



**Achromatopsia**  
76, 0.009, 296.813



**Achromatomaly**  
74, 14.668, 359.212

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 41.159, 2.520 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(253, 152, 180)` looks like.

```
.text, #text, p{  
    color:rgb(253, 152, 180)  
}
```

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(253, 152, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 152, 180) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 41.159, 2.520 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(253, 152, 180) }
```

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

```
.border{ border-color:rgb(253, 152, 180) }
```

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

Here you see how a box with a 4 pixel rgb(253, 152, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 152, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 152, 180);  
box-shadow:4px 4px 4px 4px rgb(253, 152,  
180) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 41.159, 2.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 152, 180) }
```

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

```
.background{ background-color: rgb(253,  
152, 180) }
```

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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