

Converting Colors

CIELCh(75, 49.277, 357.738)

Have a look what the booklet for
CIELCh(75, 49.277, 357.738)
contains.

CIELCh(74, 45.357, 354.766)	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, 45.357, 354.766)

Conversions

Conversions Part 1	
Format	Color
Hex	FF95BF
RGB	255, 149, 191
RGB Percent	100%, 58%, 75%
CMY	0.0000, 0.4158, 0.2511
CMYK	0.00, 0.42, 0.25, 0.00
HSL	336°, 100%, 79%
HSV	336°, 42%, 100%
XYZ	61.7717, 46.7039, 55.0300
YIQ	185.4820, 49.6940, 35.5340

Conversions

Conversions Part 2

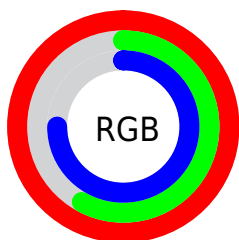
Format	Color
RYB	255, 149, 191
Decimal	16750015
CIELab	74.00, 45.17, -4.14
CIELCh	74, 45.357, 354.766
Yxy	46.7039, 0.3778, 0.2856
Android (android.graphics.Color)	4294940095 (0xFFFF95BF)
YUV	185.4820, 2.7204, 60.9673
Hunter-Lab	68.3403, 41.7479, 0.0958

Details

The CIELCh color **74, 45.357, 354.766** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 41.407, 165.275**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 28.096, 330.366**, and **54, 44.813, 354.322** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.482, 356.212**, and if you desaturate by 10%, it is **80, 34.092, 353.015**.

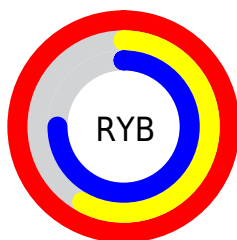
Distribution



Red (100%)

Green (58%)

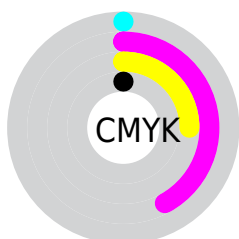
Blue (75%)



Red (100%)

Yellow (58%)

Blue (75%)

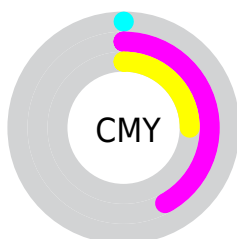


Cyan (0%)

Magenta (42%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 45.357, 354.766 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, 45.357, 354.766 by changing the saturation by 10% instead.

 74, 45.357,
354.766


 74, 45.357,
354.766


 100, 45.357,
354.766


 64, 45.357,
354.766


 94, 45.357,
354.766

 54, 45.357,
354.766

 44, 45.357,
354.766

 34, 45.357,
354.766

 24, 45.357,
354.766

 14, 45.357,
354.766

 4, 45.357, 354.766

0, 45.357, 354.766

74, 45.357,
354.766

74, 45.357,
354.766

69, 55.482,
356.212

80, 34.092,
353.015

64, 64.988,
358.364

86, 23.074,
351.778

60, 72.980, 1.075

92, 12.209,
350.692

57, 79.000, 4.526

99, 1.644, 349.472

55, 82.926, 8.884

100, 0.012,
296.813

54, 85.081, 13.206

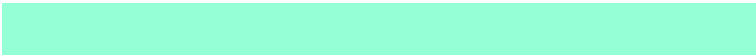
Harmonies

Complementary

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



74, 45.357, 354.766



93, 41.407, 165.275

Rectangle

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



74, 45.357, 354.766



74, 45.357, 44.766



74, 45.357, 174.766



74, 45.357, 224.766

Sweetspot

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



74, 45.018, 354.466



92, 12.659, 350.735



71, 61.036, 314.361



48, 8.413, 350.872



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, 45.018, 354.466



69, 53.877, 355.912



75, 39.940, 30.895



50, 5.974, 350.478



41, 68.376, 12.188



10, 31.295, 5.122

Inverse Universe

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



74, 45.018, 354.466



69, 53.877, 355.912



91, 29.155, 208.627



50, 5.974, 350.478



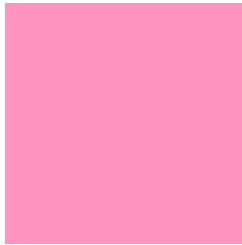
41, 68.376, 12.188



10, 31.295, 5.122

Previews

White Background



This preview shows how the CIELCh color 74, 45.357, 354.766 looks on a white background.

Color Contrast Check

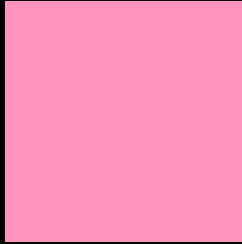
Large Text (above 18pt) WCAG AA × Fail

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, 45.357, 354.766 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, 45.357, 354.766

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.357, 354.766.



This preview shows how white text looks on a background with the CIELCh color 74, 45.357, 354.766.

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, 45.008, 354.456

Protanopia

74, 16.273, 286.847

Deuteranopia

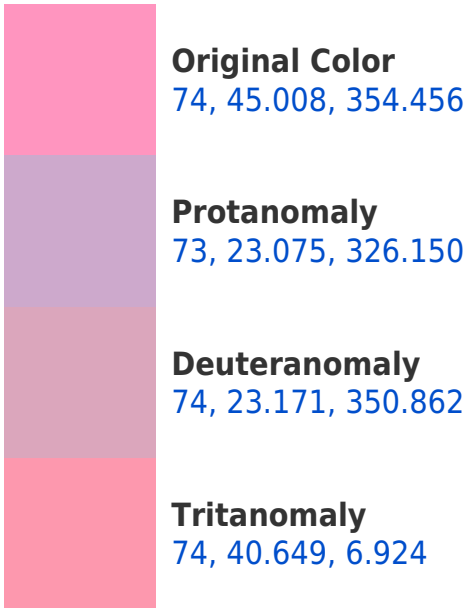
74, 9.879, 347.104



Tritanopia

74, 39.155, 14.752

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.357, 354.766 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(255, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 191)  
}
```

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(255, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.357, 354.766 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(255, 149, 191) }
```

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

```
.border{ border-color:rgb(255, 149, 191) }
```

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

Here you see how a box with a 4 pixel rgb(255, 149, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.357, 354.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 191) }
```

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

```
.background{ background-color: rgb(255,  
149, 191) }
```

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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