

Converting Colors

CIELCh(81, 63.732, 5.282)

Have a look what the booklet for
CIELCh(81, 63.732, 5.282) contains.

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Color

CIELCh(74, 45.928, 352.910)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF95C2 |
| RGB | 255, 149, 194 |
| RGB Percent | 100%, 58%, 76% |
| CMY | 0.0000, 0.4167, 0.2403 |
| CMYK | 0.00, 0.42, 0.24, 0.00 |
| HSL | 335°, 100%, 79% |
| HSV | 335°, 42%, 100% |
| XYZ | 61.9469, 46.7039, 56.6320 |
| YIQ | 185.8240, 48.7310, 36.4670 |

Conversions

Conversions Part 2

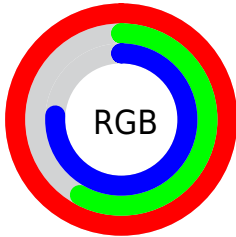
| Format | Color |
|-------------------------------------|---|
| RYB | 255, 149, 194 |
| Decimal | 16750018 |
| CIELab | 74.00, 45.58, -5.67 |
| CIELCh | 74, 45.928, 352.910 |
| Yxy | 46.7039, 0.3748, 0.2826 |
| Android (android.graphics.Color) | 4294940098 (0xFFFF95C2) |
| YUV | 185.8240, 4.0308, 60.6674 |
| Hunter-Lab | 68.3403, 42.2053, -1.2941 |

Details

The CIELCh color **74, 45.928, 352.910** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 42.441, 163.634**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 29.290, 328.412**, and **54, 45.198, 352.984** is the 20% darker color. If you saturate the color by 10%, you get **69, 56.169, 354.350**, and if you desaturate by 10%, it is **80, 34.671, 351.277**.

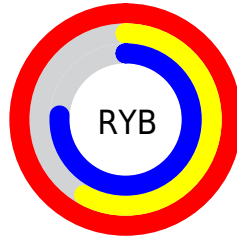
Distribution



Red (100%)

Green (58%)

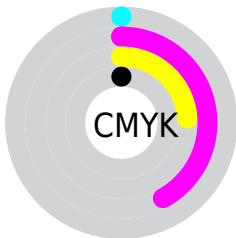
Blue (76%)



Red (100%)

Yellow (58%)

Blue (76%)

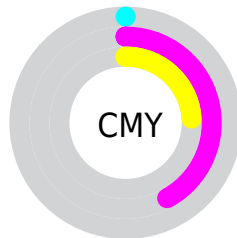


Cyan (0%)

Magenta (42%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 45.928, 352.910 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, 45.928, 352.910 by changing the saturation by 10% instead.


 74, 45.928,
352.910


 74, 45.928,
352.910


 100, 45.928,
352.910


 64, 45.928,
352.910


 94, 45.928,
352.910

 54, 45.928,
352.910

 44, 45.928,
352.910

 34, 45.928,
352.910

 24, 45.928,
352.910

 14, 45.928,
352.910

 4, 45.928, 352.910

0, 45.928, 352.910

74, 45.928,
352.910

74, 45.928,
352.910

69, 56.169,
354.350

80, 34.671,
351.277

64, 65.635,
356.403

86, 23.530,
350.077

60, 73.506,
358.979

92, 12.511,
349.018

57, 79.303, 2.255

99, 1.770, 347.845

55, 82.890, 6.405

100, 0.012,
296.813

54, 84.650, 10.500

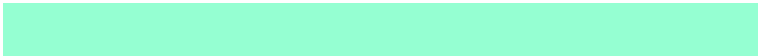
Harmonies

Complementary

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



74, 45.928, 352.910



93, 42.441, 163.634

Rectangle

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



74, 45.928, 352.910



74, 45.928, 42.910



74, 45.928, 172.910



74, 45.928, 222.910

Sweetspot

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



74, 45.679, 352.677



91, 13.960, 349.153



71, 60.901, 313.307



47, 9.798, 349.381



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, 45.679, 352.677



69, 54.471, 354.047



74, 41.117, 28.338



50, 6.075, 348.800



41, 68.100, 9.524



10, 31.364, 2.804

Inverse Universe

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



74, 45.679, 352.677



69, 54.471, 354.047



92, 30.083, 204.642



50, 6.075, 348.800



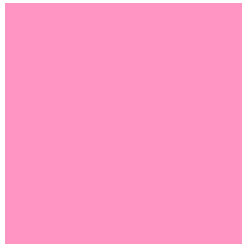
41, 68.100, 9.524



10, 31.364, 2.804

Previews

White Background



This preview shows how the CIELCh color 74, 45.928, 352.910 looks on a white background.

Color Contrast Check

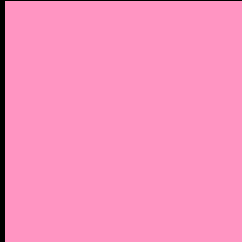
Large Text (above 18pt) WCAG AA × Fail

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, 45.928, 352.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

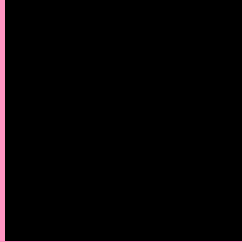
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 45.928, 352.910

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.928, 352.910.



This preview shows how white text looks on a background with the CIELCh color 74, 45.928, 352.910.

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, 45.589, 352.592

Protanopia

74, 17.910, 286.384

Deuteranopia

74, 9.906, 339.361



Tritanopia
74, 39.155, 14.752

Trichromacy



Original Color
74, 45.589, 352.592



Protanomaly
73, 24.398, 323.957



Deuteranomaly
74, 23.026, 347.422

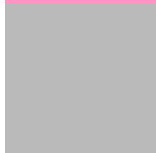


Tritanomaly
74, 40.715, 6.182

Monochromacy



Original Color
74, 45.589, 352.592



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 17.267, 348.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.928, 352.910 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.928, 352.910 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, 194) }
```

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

```
.border{ border-color:rgb(255, 149, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 194); box-shadow:4px 4px 4px 4px rgb(255, 149, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.928, 352.910 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
149, 194) }
```

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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