

Converting Colors

CIELCh(88, 77.127, 13.325)

Have a look what the booklet for
CIELCh(88, 77.127, 13.325) contains.

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Color

CIELCh(75, 42.876, 355.802)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AC0
RGB	255, 154, 192
RGB Percent	100%, 60%, 75%
CMY	0.0000, 0.3968, 0.2478
CMYK	0.00, 0.40, 0.25, 0.00
HSL	337°, 100%, 80%
HSV	337°, 40%, 100%
XYZ	62.5897, 48.2781, 55.7849
YIQ	188.5310, 47.9980, 33.2300

Conversions

Conversions Part 2

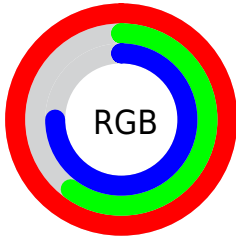
Format	Color
R _Y B	255, 154, 192
Decimal	16751296
CIE Lab	75.00, 42.76, -3.14
CIE LCh	75, 42.876, 355.802
Yxy	48.2781, 0.3756, 0.2897
Android (android.graphics.Color)	4294941376 (0xFFFF9AC0)
YUV	188.5310, 1.7102, 58.2933
Hunter-Lab	69.4824, 39.1984, 1.0359

Details

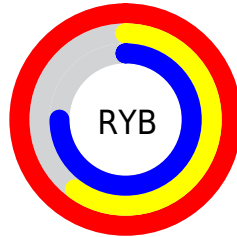
The CIELCh color **75, 42.876, 355.802** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 38.999, 166.789**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 25.351, 330.091**, and **55, 42.334, 355.230** is the 20% darker color. If you saturate the color by 10%, you get **69, 53.146, 357.279**, and if you desaturate by 10%, it is **81, 31.673, 354.105**.

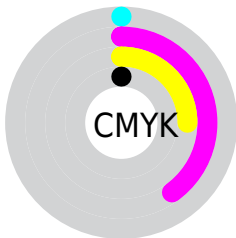
Distribution



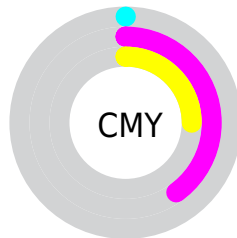
- Red (100%)
- Green (60%)
- Blue (75%)



- Red (100%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 42.876, 355.802 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 75, 42.876, 355.802 by changing the saturation by 10% instead.


 75, 42.876,
355.802


 75, 42.876,
355.802


 100, 42.876,
355.802


 65, 42.876,
355.802


 95, 42.876,
355.802

 55, 42.876,
355.802

 45, 42.876,
355.802

 35, 42.876,
355.802

 25, 42.876,
355.802

 15, 42.876,
355.802

 5, 42.876, 355.802

0, 42.876, 355.802

75, 42.876,
355.802

75, 42.876,
355.802

69, 53.146,
357.279

81, 31.673,
354.105

65, 62.902,
359.414

87, 20.756,
352.876

60, 71.308, 2.102

94, 10.050,
351.791

57, 77.883, 5.521

100, 0.012,

55, 82.439, 9.844

296.813

54, 85.451, 15.047

54, 85.549, 15.217

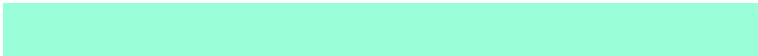
Harmonies

Complementary

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



75, 42.876, 355.802



93, 38.999, 166.789

Rectangle

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



75, 42.876, 355.802



75, 42.876, 45.802



75, 42.876, 175.802



75, 42.876, 225.802

Sweetspot

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



75, 42.582, 355.546



92, 12.509, 352.035



73, 58.345, 314.805



48, 8.315, 352.173



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 42.582, 355.546



70, 51.416, 356.963



77, 37.346, 32.063



50, 5.902, 351.773



41, 68.697, 14.175



10, 31.283, 6.875

Inverse Universe

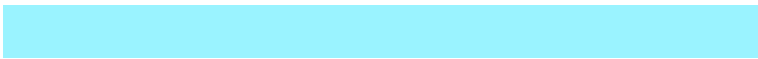
The Inverse Universe completely reimagines the original color for something new.



75, 42.582, 355.546



70, 51.416, 356.963



91, 27.708, 210.639



50, 5.902, 351.773



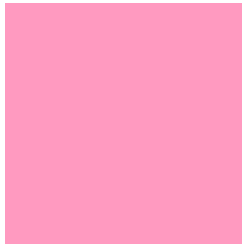
41, 68.697, 14.175



10, 31.283, 6.875

Previews

White Background



This preview shows how the CIELCh color 75, 42.876, 355.802 looks on a white background.

Color Contrast Check

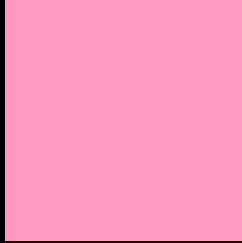
Large Text (above 18pt) WCAG AA × Fail

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 75, 42.876, 355.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

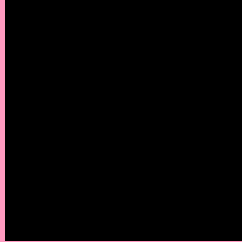
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 42.876, 355.802

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.876, 355.802.



This preview shows how white text looks on a background with the CIELCh color 75, 42.876, 355.802.

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

75, 42.518, 355.490

Protanopia

75, 14.593, 288.813

Deuteranopia

75, 9.324, 352.678



Tritanopia
75, 37.797, 13.447

Trichromacy



Original Color
75, 42.518, 355.490



Protanomaly
74, 21.317, 329.502



Deuteranomaly
75, 21.733, 353.449



Tritanomaly
75, 39.384, 6.187

Monochromacy



Original Color
75, 42.518, 355.490



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 15.235, 353.493

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.876, 355.802 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, 154, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 192)  
}
```

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, 154, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.876, 355.802 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, 154, 192) }
```

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

```
.border{ border-color:rgb(255, 154, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.876, 355.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 192) }
```

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

```
.background{ background-color: rgb(255,  
154, 192) }
```

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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