

Converting Colors

CIELCh(75, 42.556, 357.084)

Have a look what the booklet for
CIELCh(75, 42.556, 357.084)
contains.

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Color

CIELCh(75, 42.177, 356.842)

Conversions

Conversions Part 1

Format	Color
Hex	FF9ABE
RGB	255, 154, 190
RGB Percent	100%, 60%, 75%
CMY	0.0000, 0.3948, 0.2536
CMYK	0.00, 0.39, 0.25, 0.00
HSL	339°, 100%, 80%
HSV	339°, 39%, 100%
XYZ	62.3104, 48.2781, 54.9368
YIQ	188.3030, 48.6400, 32.6080

Conversions

Conversions Part 2

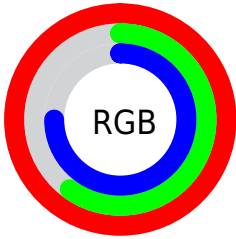
Format	Color
R _Y B	255, 154, 190
Decimal	16751294
CIE Lab	75.00, 42.11, -2.32
CIE LCh	75, 42.177, 356.842
Yxy	48.2781, 0.3764, 0.2917
Android (android.graphics.Color)	4294941374 (0xFFFF9ABE)
YUV	188.3030, 0.8366, 58.4933
Hunter-Lab	69.4824, 38.4809, 1.7596

Details

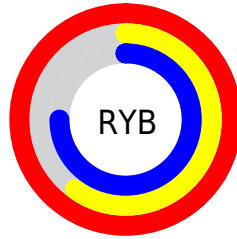
The CIELCh color **75, 42.177, 356.842** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 38.260, 167.961**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.574, 331.638**, and **55, 41.991, 356.678** is the 20% darker color. If you saturate the color by 10%, you get **69, 52.619, 358.512**, and if you desaturate by 10%, it is **81, 31.189, 355.277**.

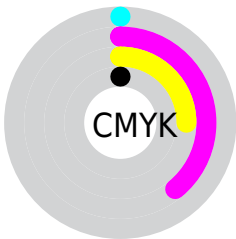
Distribution



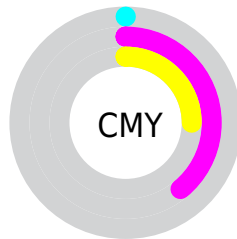
- Red (100%)
- Green (60%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (39%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 42.177, 356.842 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, 42.177, 356.842 by changing the saturation by 10% instead.


 75, 42.177,
356.842


 75, 42.177,
356.842


 100, 42.177,
356.842


 65, 42.177,
356.842


 95, 42.177,
356.842

 55, 42.177,
356.842

 45, 42.177,
356.842

 35, 42.177,
356.842

 25, 42.177,
356.842

 15, 42.177,
356.842

 5, 42.177, 356.842

0, 42.177, 356.842

75, 42.177,
356.842

75, 42.177,
356.842

69, 52.619,
358.512

81, 31.189,
355.277

65, 62.428, 0.697

87, 20.347,
354.031

60, 70.951, 3.452

94, 9.738, 352.934

57, 77.717, 6.958

100, 0.012,
296.813

55, 82.544, 11.380

54, 85.885, 16.682

54, 86.061, 16.963

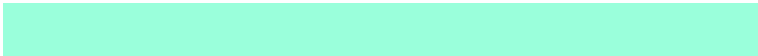
Harmonies

Complementary

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



75, 42.177, 356.842



93, 38.260, 167.961

Rectangle

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



75, 42.177, 356.842



75, 42.177, 46.842



75, 42.177, 176.842



75, 42.177, 226.842

Sweetspot

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



75, 42.056, 356.743



92, 12.384, 353.201



73, 58.194, 315.326



48, 8.233, 353.342



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, 42.056, 356.743



71, 50.053, 358.040



77, 36.669, 33.449



50, 5.842, 352.936



40, 69.057, 15.902



10, 31.297, 8.382

Inverse Universe

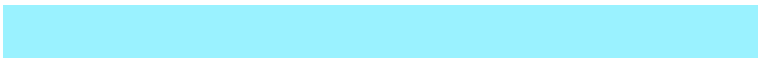
The Inverse Universe completely reimagines the original color for something new.



75, 42.056, 356.743



71, 50.053, 358.040



90, 27.256, 212.749



50, 5.842, 352.936



40, 69.057, 15.902



10, 31.297, 8.382

Previews

White Background



This preview shows how the CIELCh color 75, 42.177, 356.842 looks on a white background.

Color Contrast Check

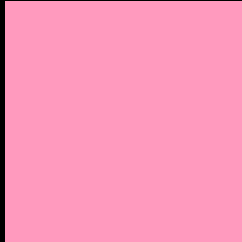
Large Text (above 18pt) WCAG AA × Fail

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, 42.177, 356.842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

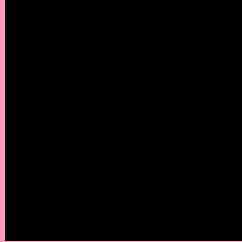
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 42.177, 356.842

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.177, 356.842.



This preview shows how white text looks on a background with the CIELCh color 75, 42.177, 356.842.

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, 42.177, 356.842

Protanopia
75, 12.981, 286.757

Deuteranopia
75, 9.445, 356.701



Tritanopia
75, 37.797, 13.447

Trichromacy



Original Color
75, 42.177, 356.842



Protanomaly
75, 20.256, 330.566



Deuteranomaly
75, 21.521, 354.744



Tritanomaly
75, 38.842, 7.492

Monochromacy



Original Color
75, 42.177, 356.842



Achromatopsia
77, 0.009, 296.813



Achromatomaly
75, 15.575, 354.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 42.177, 356.842 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.177, 356.842 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, 190) }
```

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

```
.border{ border-color:rgb(255, 154, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.177, 356.842 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
154, 190) }
```

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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