

Converting Colors

CIELCh(75, 42.425, 357.650)

Have a look what the booklet for
CIELCh(75, 42.425, 357.650)
contains.

CIELCh(75, 42.016, 357.527)	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(75, 42.016, 357.527)

Conversions

Conversions Part 1

Format	Color
Hex	FF9ABD
RGB	255, 154, 189
RGB Percent	100%, 60%, 74%
CMY	0.0000, 0.3945, 0.2572
CMYK	0.00, 0.39, 0.26, 0.00
HSL	339°, 100%, 80%
HSV	339°, 39%, 100%
XYZ	62.2519, 48.2781, 54.4100
YIQ	188.1890, 48.9610, 32.2970

Conversions

Conversions Part 2

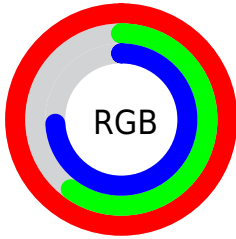
Format	Color
R _Y B	255, 154, 189
Decimal	16751293
CIE Lab	75.00, 41.98, -1.81
CIE LCh	75, 42.016, 357.527
Yxy	48.2781, 0.3774, 0.2927
Android (android.graphics.Color)	4294941373 (0xFFFF9ABD)
YUV	188.1890, 0.3998, 58.5932
Hunter-Lab	69.4824, 38.3305, 2.2092

Details

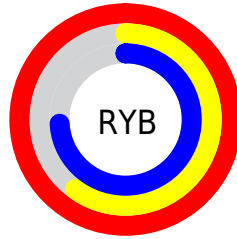
The CIELCh color **75, 42.016, 357.527** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 37.939, 168.595**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 24.193, 332.451**, and **55, 41.831, 357.411** is the 20% darker color. If you saturate the color by 10%, you get **69, 52.429, 359.197**, and if you desaturate by 10%, it is **81, 31.021, 355.926**.

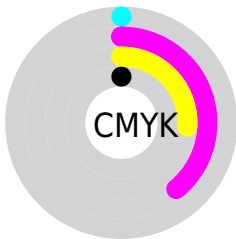
Distribution



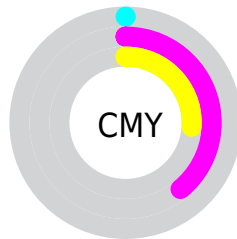
- Red (100%)
- Green (60%)
- Blue (74%)



- Red (100%)
- Yellow (60%)
- Blue (74%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 42.016, 357.527 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, 42.016, 357.527 by changing the saturation by 10% instead.


 75, 42.016,
357.527


 75, 42.016,
357.527


 100, 42.016,
357.527


 65, 42.016,
357.527


 95, 42.016,
357.527

 55, 42.016,
357.527

 45, 42.016,
357.527

 35, 42.016,
357.527

 25, 42.016,
357.527

 15, 42.016,
357.527

 5, 42.016, 357.527

0, 42.016, 357.527

75, 42.016,
357.527

75, 42.016,
357.527

69, 52.429,
359.197

81, 31.021,
355.926

65, 62.261, 1.412

87, 20.216,
354.670

60, 70.839, 4.206

94, 9.655, 353.566

57, 77.697, 7.762

100, 0.012,
296.813

55, 82.659, 12.241

54, 86.177, 17.593

54, 86.374, 17.891

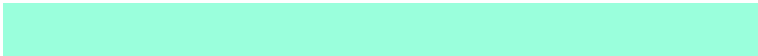
Harmonies

Complementary

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



75, 42.016, 357.527



93, 37.939, 168.595

Rectangle

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



75, 42.016, 357.527



75, 42.016, 47.527



75, 42.016, 177.527



75, 42.016, 227.527

Sweetspot

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



75, 41.866, 357.407



92, 12.319, 353.838



73, 58.302, 315.854



48, 8.190, 353.979



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, 41.866, 357.407



71, 49.891, 358.724



77, 36.201, 34.888



50, 5.810, 353.572



40, 69.281, 16.822



10, 31.313, 9.165

Inverse Universe

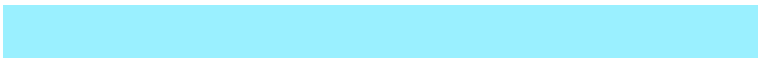
The Inverse Universe completely reimagines the original color for something new.



75, 41.866, 357.407



71, 49.891, 358.724



90, 26.937, 214.920



50, 5.810, 353.572



40, 69.281, 16.822



10, 31.313, 9.165

Previews

White Background



This preview shows how the CIELCh color 75, 42.016, 357.527 looks on a white background.

Color Contrast Check

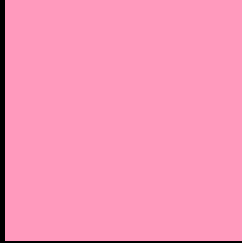
Large Text (above 18pt) WCAG AA × Fail

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, 42.016, 357.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

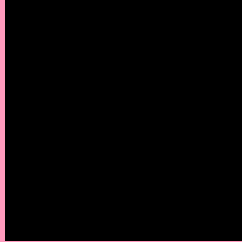
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 42.016, 357.527

Background



This preview shows how black text looks on a background with the CIELCh color 75, 42.016, 357.527.

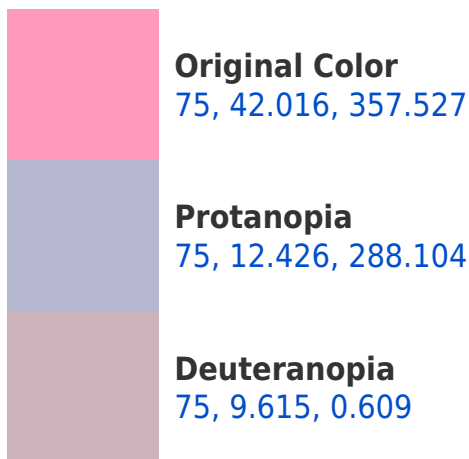


This preview shows how white text looks on a background with the CIELCh color 75, 42.016, 357.527.

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
75, 37.797, 13.447

Trichromacy



Original Color
75, 42.016, 357.527



Protanomaly
75, 20.089, 332.408



Deuteranomaly
75, 21.668, 356.545



Tritanomaly
75, 38.842, 7.492

Monochromacy



Original Color
75, 42.016, 357.527



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, 42.016, 357.527 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 42.016, 357.527 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, 189) }
```

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

```
.border{ border-color:rgb(255, 154, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 42.016, 357.527 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
154, 189) }
```

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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