

Converting Colors

CIELCh(75, 36.621, 13.001)

Have a look what the booklet for
CIELCh(75, 36.621, 13.001) contains.

CIELCh(75, 36.582, 12.977)	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, 36.582, 12.977)

Conversions

Conversions Part 1

Format	Color
Hex	FB9FAB
RGB	251, 159, 171
RGB Percent	98%, 62%, 67%
CMY	0.0154, 0.3762, 0.3292
CMYK	0.00, 0.37, 0.32, 0.02
HSL	352°, 92%, 80%
HSV	352°, 37%, 98%
XYZ	59.5692, 48.2781, 44.7345
YIQ	187.8760, 50.9800, 23.2360

Conversions

Conversions Part 2

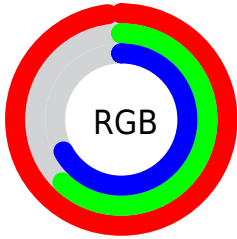
Format	Color
R _Y B	251, 159, 171
Decimal	16490411
CIE Lab	75.00, 35.65, 8.21
CIE LCh	75, 36.582, 12.977
Yxy	48.2781, 0.3904, 0.3164
Android (android.graphics.Color)	4294680491 (0xFFFB9FAB)
YUV	187.8760, -8.3199, 55.3597
Hunter-Lab	69.4824, 31.4387, 10.4654

Details

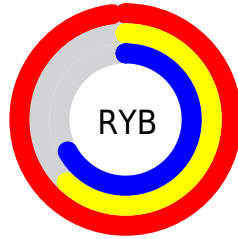
The CIELCh color **75, 36.582, 12.977** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 30.170, 185.576**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.653, 359.263**, and **55, 36.510, 12.765** is the 20% darker color. If you saturate the color by 10%, you get **69, 47.524, 14.877**, and if you desaturate by 10%, it is **81, 25.918, 11.468**.

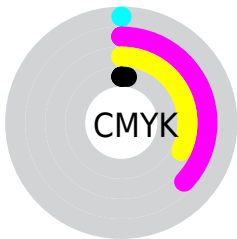
Distribution



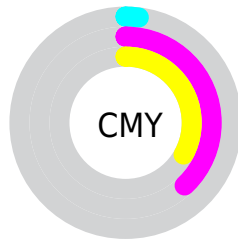
- Red (98%)
- Green (62%)
- Blue (67%)



- Red (98%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 36.582, 12.977 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, 36.582, 12.977 by changing the saturation by 10% instead.

 75, 36.582, 12.977

 75, 36.582, 12.977

 100, 36.582,
12.977

 65, 36.582, 12.977

 95, 36.582, 12.977

 55, 36.582, 12.977

 45, 36.582, 12.977

 35, 36.582, 12.977

 25, 36.582, 12.977

 15, 36.582, 12.977

 5, 36.582, 12.977

 0, 36.582, 12.977

 75, 36.582, 12.977

 75, 36.582, 12.977

69, 47.524, 14.877

81, 25.918, 11.468

64, 58.461, 17.287

88, 15.724, 10.235

60, 69.012, 20.354

94, 6.086, 9.171

56, 78.791, 24.188

100, 1.368,
199.803

54, 87.518, 28.750

53, 94.947, 33.637

53, 97.177, 35.108

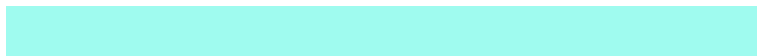
Harmonies

Complementary

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



75, 36.582, 12.977



93, 30.170, 185.576

Rectangle

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



75, 36.582, 12.977



75, 36.582, 62.977



75, 36.582, 192.977



75, 36.582, 242.977

Sweetspot

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



75, 36.579, 12.980



93, 10.343, 9.627



76, 55.741, 322.473



48, 6.979, 9.770



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, 36.579, 12.980



72, 45.186, 14.339



82, 29.996, 56.612



49, 5.233, 9.469



39, 77.658, 34.238



9, 31.345, 20.821

Inverse Universe

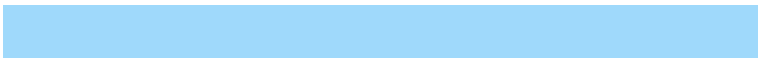
The Inverse Universe completely reimagines the original color for something new.



75, 36.579, 12.980



72, 45.186, 14.339



84, 24.714, 244.933



49, 5.233, 9.469



39, 77.658, 34.238



9, 31.345, 20.821

Previews

White Background



This preview shows how the CIELCh color 75, 36.582, 12.977 looks on a white background.

Color Contrast Check

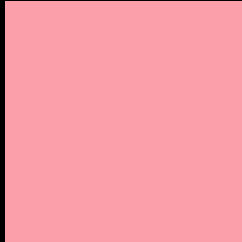
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 36.582, 12.977 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, 36.582, 12.977

Background



This preview shows how black text looks on a background with the CIELCh color 75, 36.582, 12.977.

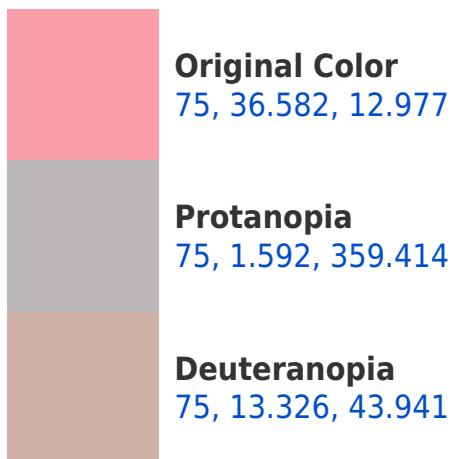


This preview shows how white text looks on a background with the CIELCh color 75, 36.582, 12.977.

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, 36.582, 12.977

Trichromacy



Original Color
75, 36.582, 12.977



Protanomaly
75, 14.030, 9.600



Deuteranomaly
75, 20.934, 24.104



Tritanomaly
75, 36.582, 12.977

Monochromacy



Original Color
75, 36.582, 12.977



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.236, 8.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 36.582, 12.977 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(251, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 171)  
}
```

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(251, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 36.582, 12.977 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(251, 159, 171) }
```

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

```
.border{ border-color:rgb(251, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 36.582, 12.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 171) }
```

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

```
.background{ background-color: rgb(251,  
159, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor