

Converting Colors

CIELCh(88, 67.773, 21.022)

Have a look what the booklet for
CIELCh(88, 67.773, 21.022) contains.

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Color

CIELCh(77, 34.704, 13.045)

Conversions

Conversions Part 1

Format	Color
Hex	FEA6B1
RGB	254, 166, 177
RGB Percent	100%, 65%, 69%
CMY	0.0041, 0.3488, 0.3056
CMYK	0.00, 0.35, 0.30, 0.00
HSL	352°, 98%, 82%
HSV	352°, 35%, 100%
XYZ	62.4466, 51.5317, 48.2812
YIQ	193.5660, 48.9170, 22.0770

Conversions

Conversions Part 2

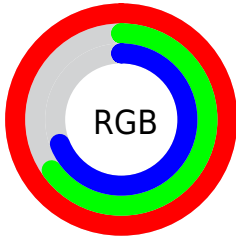
Format	Color
R_{YB}	254, 166, 177
Decimal	16688817
CIE _{Lab}	77.00, 33.81, 7.83
CIE _{LCh}	77, 34.704, 13.045
Yxy	51.5317, 0.3849, 0.3176
Android (android.graphics.Color)	4294878897 (0xFFFEA6B1)
YUV	193.5660, -8.1670, 53.0006
Hunter-Lab	71.7856, 29.6530, 10.3729

Details

The CIELCh color **77, 34.704, 13.045** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 28.883, 186.214**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.205, 354.911**, and **57, 34.546, 12.616** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.732, 14.857**, and if you desaturate by 10%, it is **83, 24.015, 11.604**.

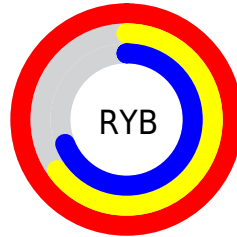
Distribution



Red (100%)

Green (65%)

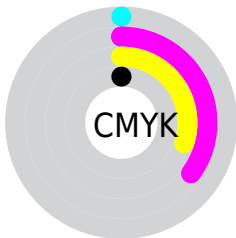
Blue (69%)



Red (100%)

Yellow (65%)

Blue (69%)

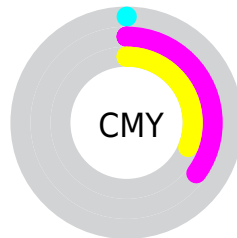


Cyan (0%)

Magenta (35%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 34.704, 13.045 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 77, 34.704, 13.045 by changing the saturation by 10% instead.

77, 34.704, 13.045

77, 34.704, 13.045

100, 34.704,
13.045

67, 34.704, 13.045

97, 34.704, 13.045

57, 34.704, 13.045

47, 34.704, 13.045

37, 34.704, 13.045

27, 34.704, 13.045

17, 34.704, 13.045

7, 34.704, 13.045

0, 34.704, 13.045

77, 34.704, 13.045

77, 34.704, 13.045

71, 45.732, 14.857

83, 24.015, 11.604

66, 56.837, 17.153

90, 13.835, 10.421

61, 67.649, 20.078

97, 4.233, 9.358

58, 77.772, 23.753

100, 0.360,
201.222

55, 86.890, 28.176

54, 94.741, 33.018

53, 98.383, 35.426

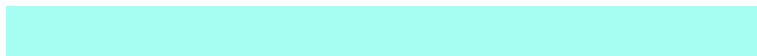
Harmonies

Complementary

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



77, 34.704, 13.045



94, 28.883, 186.214

Rectangle

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



77, 34.704, 13.045



77, 34.704, 63.045



77, 34.704, 193.045



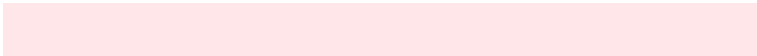
77, 34.704, 243.045

Sweetspot

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



77, 34.701, 13.049



93, 9.363, 9.934



78, 53.188, 322.385



49, 6.416, 10.080



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 34.701, 13.049



73, 42.972, 14.345



84, 28.395, 56.769



50, 5.315, 9.883



40, 78.742, 34.590



10, 32.434, 22.065

Inverse Universe

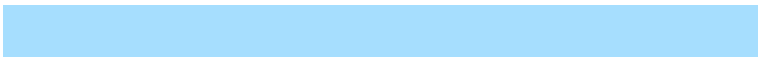
The Inverse Universe completely reimagines the original color for something new.



77, 34.701, 13.049



73, 42.972, 14.345



86, 23.681, 244.541



50, 5.315, 9.883



40, 78.742, 34.590



10, 32.434, 22.065

Previews

White Background



This preview shows how the CIELCh color 77, 34.704, 13.045 looks on a white background.

Color Contrast Check

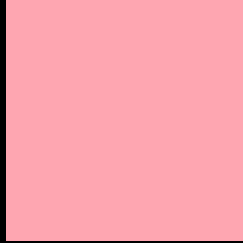
Large Text (above 18pt) WCAG AA × Fail

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 77, 34.704, 13.045 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 77, 34.704, 13.045

Background



This preview shows how black text looks on a background with the CIELCh color 77, 34.704, 13.045.

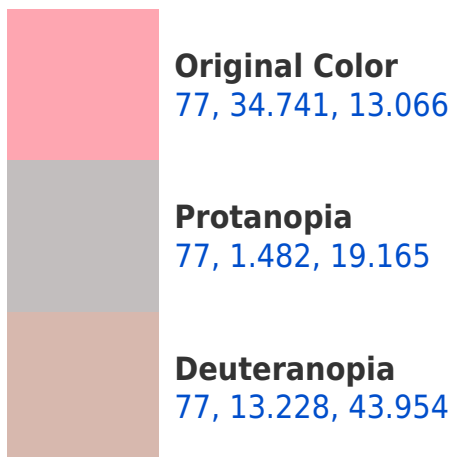


This preview shows how white text looks on a background with the CIELCh color 77, 34.704, 13.045.

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
77, 34.754, 12.196

Trichromacy



Original Color
77, 34.741, 13.066



Protanomaly
77, 13.489, 11.431



Deuteranomaly
77, 20.379, 24.074



Tritanomaly
77, 34.754, 12.196

Monochromacy



Original Color
77, 34.741, 13.066



Achromatopsia
78, 0.009, 296.813



Achromatomaly
78, 12.302, 10.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 34.704, 13.045 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(254, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 166, 177)  
}
```

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(254, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 166, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 34.704, 13.045 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(254, 166, 177) }
```

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

```
.border{ border-color:rgb(254, 166, 177) }
```

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

Here you see how a box with a 4 pixel rgb(254, 166, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 166,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 34.704, 13.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 166, 177) }
```

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

```
.background{ background-color: rgb(254,  
166, 177) }
```

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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