

Converting Colors

CIELCh(88, 12.225, 34.168)

Have a look what the booklet for
CIELCh(88, 12.225, 34.168) contains.

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Color

CIELCh(88, 12.374, 34.727)

Conversions

Conversions Part 1

Format	Color
Hex	F6D6D0
RGB	246, 214, 208
RGB Percent	96%, 84%, 82%
CMY	0.0362, 0.1617, 0.1852
CMYK	0.00, 0.13, 0.15, 0.04
HSL	9°, 67%, 89%
HSV	9°, 15%, 96%
XYZ	73.2643, 72.0653, 69.5718
YIQ	222.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

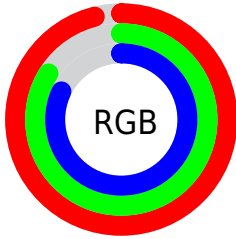
Format	Color
R _Y B	246, 215, 208
Decimal	16176848
CIE Lab	88.00, 10.17, 7.05
CIE LCh	88, 12.374, 34.727
Yxy	72.0653, 0.3409, 0.3353
Android (android.graphics.Color)	4294366928 (0xFFFF6D6D0)
YUV	222.8840, -7.3378, 20.2727
Hunter-Lab	84.8913, 5.4923, 10.8334

Details

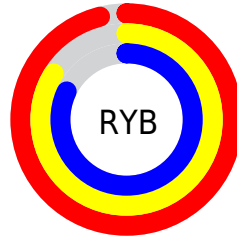
The CIELCh color **88, 12.374, 34.727** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 11.162, 214.974**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 12.248, 33.271** is the 20% darker color. If you saturate the color by 10%, you get **82, 21.256, 34.970**, and if you desaturate by 10%, it is **94, 4.190, 34.568**.

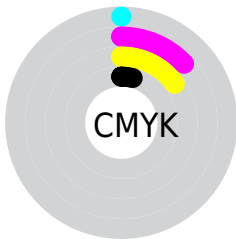
Distribution



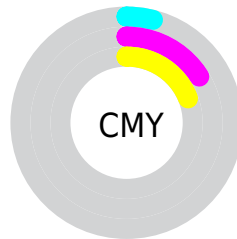
- Red (96%)
- Green (84%)
- Blue (82%)



- Red (96%)
- Yellow (84%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 12.374, 34.727 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 88, 12.374, 34.727 by changing the saturation by 10% instead.

 88, 12.374, 34.727

 88, 12.374, 34.727

 100, 12.374,
34.727

 78, 12.374, 34.727

 68, 12.374, 34.727

 58, 12.374, 34.727

 48, 12.374, 34.727

 38, 12.374, 34.727

 28, 12.374, 34.727

 18, 12.374, 34.727

 8, 12.374, 34.727

 0, 12.374, 34.727

88, 12.374, 34.727

88, 12.374, 34.727

82, 21.256, 34.970

94, 4.190, 34.568

77, 30.880, 35.370

99, 3.197, 199.410

72, 41.245, 35.996

67, 52.293, 36.897

63, 63.860, 38.100

59, 75.593, 39.556

56, 86.716, 41.017

54, 95.550, 41.818

53, 98.577, 41.999

Harmonies

Complementary

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



88, 12.374, 34.727



93, 11.162, 214.974

Rectangle

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



88, 12.374, 34.727



88, 12.374, 84.727



88, 12.374, 214.727



88, 12.374, 264.727

Sweetspot

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



88, 12.373, 34.739



97, 3.947, 34.553



87, 21.618, 329.764



51, 2.701, 34.575



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 12.373, 34.739



89, 15.907, 34.806



93, 13.631, 87.781



48, 4.422, 34.648



40, 79.629, 42.336



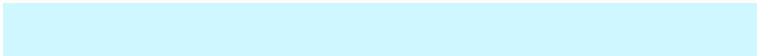
10, 28.086, 33.478

Inverse Universe

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



93, 11.162, 214.974



95, 13.981, 215.052



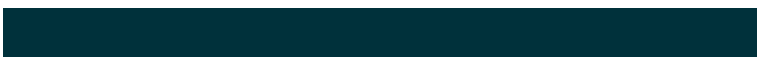
88, 13.550, 271.944



50, 4.160, 214.900



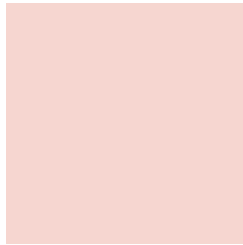
60, 34.375, 226.412



18, 15.347, 221.913

Previews

White Background



This preview shows how the CIE LCh color 88, 12.374, 34.727 looks on a white background.

Color Contrast Check

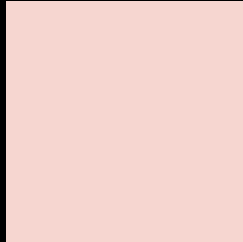
Large Text (above 18pt) WCAG AA × Fail

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 88, 12.374, 34.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

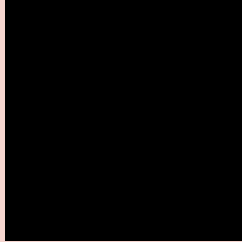
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

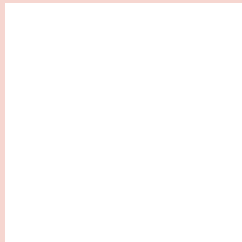
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 12.374, 34.727

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.374, 34.727.

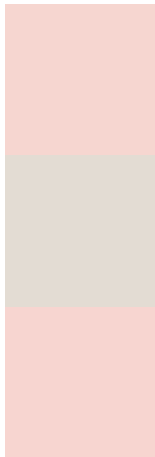


This preview shows how white text looks on a background with the CIELCh color 88, 12.374, 34.727.

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


88, 12.374, 34.727

Protanopia

88, 5.320, 80.917

Deuteranopia

88, 12.991, 31.752



Tritanopia
88, 15.790, 348.806

Trichromacy



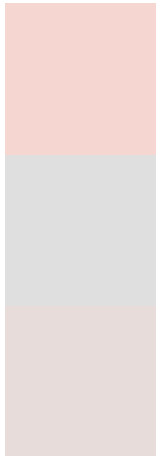
Original Color
88, 12.374, 34.727

Protanomaly
88, 7.217, 54.813

Deuteranomaly
88, 12.991, 31.752

Tritanomaly
88, 13.480, 2.461

Monochromacy



Original Color
88, 12.374, 34.727

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 4.286, 40.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.374, 34.727 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(246, 214, 208)` looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 208)  
}
```

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(246, 214, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.374, 34.727 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(246, 214, 208) }
```

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

```
.border{ border-color:rgb(246, 214, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 214, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 208);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.374, 34.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 208) }
```

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

```
.background{ background-color: rgb(246,  
214, 208) }
```

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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