

Converting Colors

CIELCh(88, 12.477, 13.617)

Have a look what the booklet for
CIELCh(88, 12.477, 13.617) contains.

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Color

CIELCh(88, 12.264, 12.996)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5D8
RGB	246, 213, 216
RGB Percent	96%, 84%, 85%
CMY	0.0357, 0.1651, 0.1533
CMYK	0.00, 0.13, 0.12, 0.04
HSL	355°, 64%, 90%
HSV	355°, 13%, 96%
XYZ	74.1210, 72.0653, 74.9016
YIQ	223.2090, 18.7050, 7.9290

Conversions

Conversions Part 2

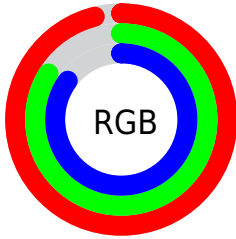
Format	Color
R _Y B	246, 213, 216
Decimal	16176600
CIE Lab	88.00, 11.95, 2.76
CIE LCh	88, 12.264, 12.996
Yxy	72.0653, 0.3353, 0.3260
Android (android.graphics.Color)	4294366680 (0xFFFF6D5D8)
YUV	223.2090, -3.5540, 19.9877
Hunter-Lab	84.8913, 7.2937, 7.1109

Details

The CIELCh color **88, 12.264, 12.996** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 11.414, 190.932**, 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, 12.224, 12.817** is the 20% darker color. If you saturate the color by 10%, you get **82, 22.116, 14.117**, and if you desaturate by 10%, it is **95, 3.020, 11.961**.

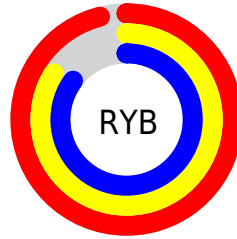
Distribution



Red (96%)

Green (84%)

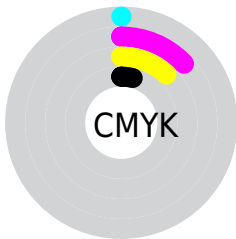
Blue (85%)



Red (96%)

Yellow (84%)

Blue (85%)

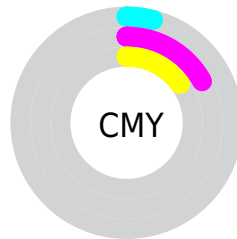


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (4%)



Cyan (4%)

Magenta (17%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 12.264, 12.996 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, 12.264, 12.996 by changing the saturation by 10% instead.

 88, 12.264, 12.996

 88, 12.264, 12.996

 100, 12.264,
12.996

 78, 12.264, 12.996

 68, 12.264, 12.996

 58, 12.264, 12.996

 48, 12.264, 12.996

 38, 12.264, 12.996

 28, 12.264, 12.996

 18, 12.264, 12.996

 8, 12.264, 12.996

 0, 12.264, 12.996

88, 12.264, 12.996

88, 12.264, 12.996

82, 22.116, 14.117

95, 3.020, 11.961

75, 32.533, 15.484

99, 3.149, 199.416

70, 43.386, 17.207

64, 54.443, 19.406

60, 65.371, 22.215

56, 75.787, 25.740

53, 85.321, 29.949

52, 93.529, 34.461

51, 97.880, 37.050

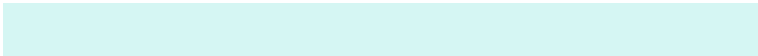
Harmonies

Complementary

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



88, 12.264, 12.996



95, 11.414, 190.932

Rectangle

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



88, 12.264, 12.996



88, 12.264, 62.996



88, 12.264, 192.996



88, 12.264, 242.996

Sweetspot

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



88, 12.262, 13.005



97, 3.648, 12.039



89, 20.181, 322.358



51, 2.599, 12.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

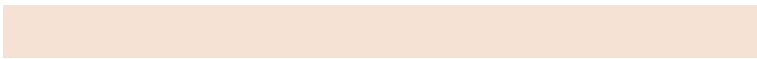
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 12.262, 13.005



89, 15.192, 13.277



91, 10.014, 62.474



48, 5.107, 12.613



39, 78.729, 36.326



8, 30.486, 21.340

Inverse Universe

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



88, 12.262, 13.005



89, 15.192, 13.277



91, 9.469, 245.517



48, 5.107, 12.613



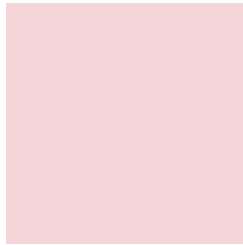
39, 78.729, 36.326



8, 30.486, 21.340

Previews

White Background



This preview shows how the CIELCh color 88, 12.264, 12.996 looks on a white background.

Color Contrast Check

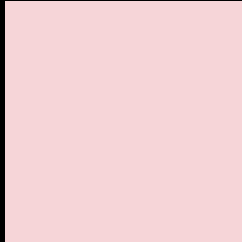
Large Text (above 18pt) WCAG AA × Fail

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, 12.264, 12.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

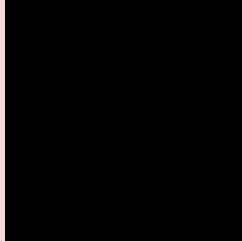
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 12.264, 12.996

Background



This preview shows how black text looks on a background with the CIELCh color 88, 12.264, 12.996.

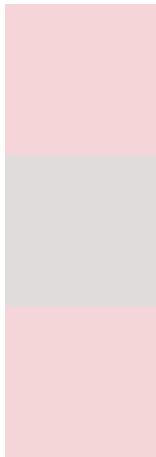


This preview shows how white text looks on a background with the CIELCh color 88, 12.264, 12.996.

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, 12.264, 12.996

Protanopia

88, 1.803, 19.205

Deuteranopia

88, 11.095, 14.818



Tritanopia
88, 15.753, 346.440

Trichromacy



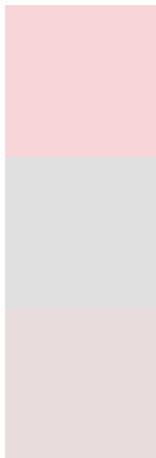
Original Color
88, 12.264, 12.996

Protanomaly
88, 5.916, 9.618

Deuteranomaly
88, 11.469, 15.025

Tritanomaly
88, 14.191, 354.405

Monochromacy



Original Color
88, 12.264, 12.996

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 4.384, 12.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 12.264, 12.996 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, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 216)  
}
```

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, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 12.264, 12.996 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, 213, 216) }
```

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

```
.border{ border-color:rgb(246, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 216);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 12.264, 12.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 216) }
```

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

```
.background{ background-color: rgb(246,  
213, 216) }
```

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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