

Converting Colors

CIELCh(88, 16.404, 16.979)

Have a look what the booklet for
CIELCh(88, 16.404, 16.979) contains.

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Color

CIELCh(88, 16.431, 17.005)

Conversions

Conversions Part 1

Format	Color
Hex	FED2D4
RGB	254, 210, 212
RGB Percent	100%, 82%, 83%
CMY	0.0031, 0.1757, 0.1678
CMYK	0.00, 0.17, 0.17, 0.00
HSL	357°, 97%, 91%
HSV	357°, 17%, 100%
XYZ	75.9539, 72.0653, 72.3259
YIQ	223.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

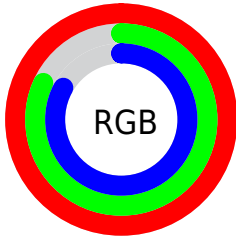
Format	Color
RYB	254, 210, 212
Decimal	16700116
CIELab	88.00, 15.71, 4.81
CIELCh	88, 16.431, 17.005
Yxy	72.0653, 0.3447, 0.3271
Android (android.graphics.Color)	4294890196 (0xFF FED2D4)
YUV	223.3840, -5.6123, 26.8502
Hunter-Lab	84.8913, 11.1477, 8.9098

Details

The CIELCh color **88, 16.431, 17.005** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 14.806, 194.538**, 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, 16.672, 17.221** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.859, 18.138**, and if you desaturate by 10%, it is **95, 6.687, 16.075**.

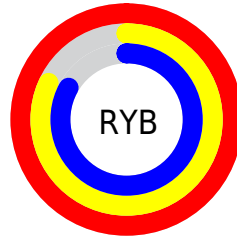
Distribution



Red (100%)

Green (82%)

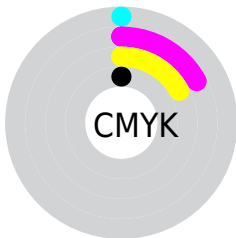
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

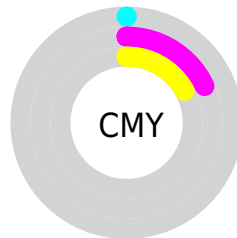


Cyan (0%)

Magenta (17%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 16.431, 17.005 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, 16.431, 17.005 by changing the saturation by 10% instead.

 88, 16.431, 17.005

 88, 16.431, 17.005

 100, 16.431,
17.005

 78, 16.431, 17.005

 68, 16.431, 17.005

 58, 16.431, 17.005

 48, 16.431, 17.005

 38, 16.431, 17.005

 28, 16.431, 17.005

 18, 16.431, 17.005

 8, 16.431, 17.005

 0, 16.431, 17.005

88, 16.431, 17.005

88, 16.431, 17.005

81, 26.859, 18.138

95, 6.687, 16.075

75, 37.919, 19.565

100, 0.275,
201.803

69, 49.459, 21.401

64, 61.215, 23.768

60, 72.823, 26.780

57, 83.846, 30.455

54, 93.700, 34.525

53, 101.169,
38.127

53, 102.600,
38.768

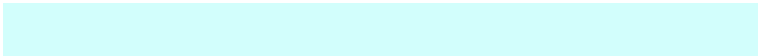
Harmonies

Complementary

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



88, 16.431, 17.005



97, 14.806, 194.538

Rectangle

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



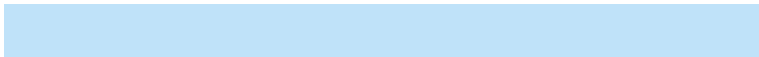
88, 16.431, 17.005



88, 16.431, 67.005



88, 16.431, 197.005



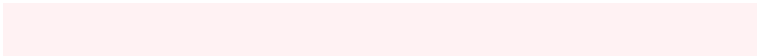
88, 16.431, 247.005

Sweetspot

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



88, 16.429, 17.013



97, 4.547, 15.852



89, 27.193, 323.989



51, 3.110, 15.923



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

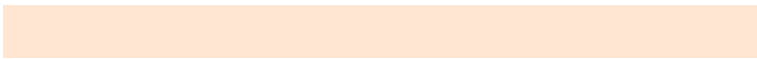
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.429, 17.013



86, 20.250, 17.400



93, 13.654, 67.787



49, 5.257, 16.275



40, 82.299, 38.273



10, 33.000, 25.358

Inverse Universe

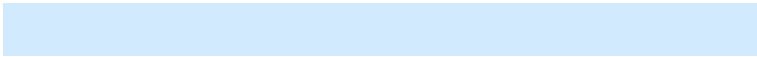
The Inverse Universe completely reimagines the original color for something new.



88, 16.429, 17.013



86, 20.250, 17.400



92, 12.861, 252.168



49, 5.257, 16.275



40, 82.299, 38.273



10, 33.000, 25.358

Previews

White Background



This preview shows how the CIELCh color 88, 16.431, 17.005 looks on a white background.

Color Contrast Check

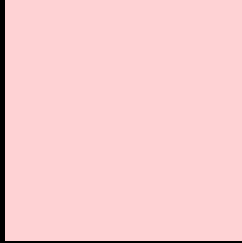
Large Text (above 18pt) WCAG AA × Fail

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, 16.431, 17.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

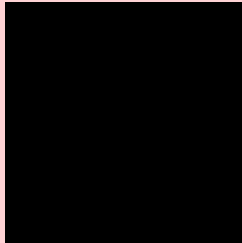
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 16.431, 17.005

Background



This preview shows how black text looks on a background with the CIELCh color 88, 16.431, 17.005.

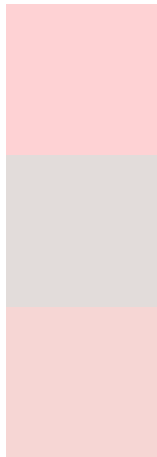


This preview shows how white text looks on a background with the CIELCh color 88, 16.431, 17.005.

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, 16.431, 17.005

Protanopia
88, 2.396, 45.021

Deuteranopia
88, 11.928, 25.195



Tritanopia
88, 18.508, 355.975

Trichromacy



Original Color
88, 16.431, 17.005

Protanomaly
88, 7.324, 19.858

Deuteranomaly
88, 13.401, 22.555

Tritanomaly
88, 17.839, 2.137

Monochromacy



Original Color
88, 16.431, 17.005

Achromatopsia
89, 0.011, 296.813

Achromatomaly
89, 5.842, 14.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 16.431, 17.005 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, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 212)  
}
```

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, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 16.431, 17.005 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, 210, 212) }
```

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

```
.border{ border-color:rgb(254, 210, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 16.431, 17.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 212) }
```

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

```
.background{ background-color: rgb(254,  
210, 212) }
```

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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