

Converting Colors

CIELCh(88, 17.586, 17.700)

Have a look what the booklet for
CIELCh(88, 17.586, 17.700) contains.

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Color

CIELCh(88, 17.210, 17.234)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2D4
RGB	255, 210, 212
RGB Percent	100%, 82%, 83%
CMY	0.0000, 0.1777, 0.1699
CMYK	0.00, 0.18, 0.17, 0.00
HSL	357°, 100%, 91%
HSV	357°, 18%, 100%
XYZ	76.3103, 72.0653, 71.9615
YIQ	223.6830, 26.1780, 10.1620

Conversions

Conversions Part 2

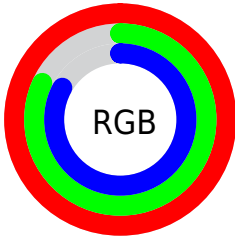
Format	Color
R _Y B	255, 210, 212
Decimal	16765652
CIE Lab	88.00, 16.44, 5.10
CIE LCh	88, 17.210, 17.234
Yxy	72.0653, 0.3463, 0.3271
Android (android.graphics.Color)	4294955732 (0xFFFFD2D4)
YUV	223.6830, -5.7597, 27.4650
Hunter-Lab	84.8913, 11.8972, 9.1643

Details

The CIELCh color **88, 17.210, 17.234** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.214, 194.623**, 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, 17.077, 17.351** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.429, 18.299**, and if you desaturate by 10%, it is **95, 7.139, 16.225**.

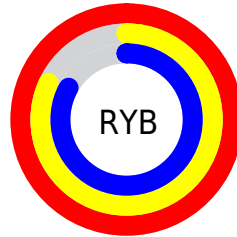
Distribution



Red (100%)

Green (82%)

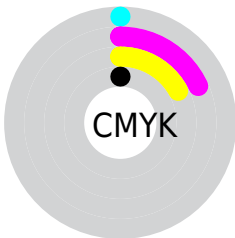
Blue (83%)



Red (100%)

Yellow (82%)

Blue (83%)

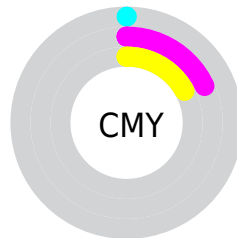


Cyan (0%)

Magenta (18%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.210, 17.234 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, 17.210, 17.234 by changing the saturation by 10% instead.

 88, 17.210, 17.234

 88, 17.210, 17.234

 100, 17.210,
17.234

 78, 17.210, 17.234

 68, 17.210, 17.234

 58, 17.210, 17.234

 48, 17.210, 17.234

 38, 17.210, 17.234

 28, 17.210, 17.234

 18, 17.210, 17.234

 8, 17.210, 17.234

 0, 17.210, 17.234

88, 17.210, 17.234

88, 17.210, 17.234

81, 27.429, 18.299

95, 7.139, 16.225

75, 38.549, 19.741

100, 0.012,
296.813

69, 50.143, 21.596

64, 61.943, 23.990

60, 73.579, 27.031

57, 84.609, 30.729

54, 94.422, 34.790

53, 101.739,
38.303

53, 102.899,
38.809

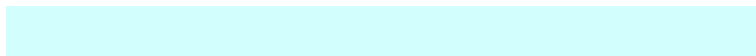
Harmonies

Complementary

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



88, 17.210, 17.234



97, 15.214, 194.623

Rectangle

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



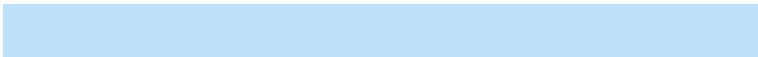
88, 17.210, 17.234



88, 17.210, 67.234



88, 17.210, 197.234



88, 17.210, 247.234

Sweetspot

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



88, 16.938, 17.164



97, 4.547, 15.960



89, 27.992, 324.013



51, 3.110, 16.031



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

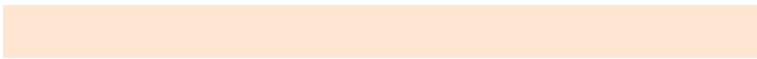
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 16.938, 17.164



86, 20.251, 17.504



93, 14.072, 67.734



49, 5.256, 16.382



40, 82.350, 38.321



10, 33.010, 25.412

Inverse Universe

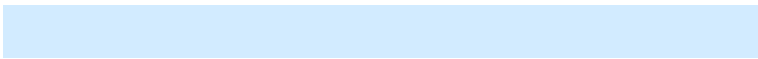
The Inverse Universe completely reimagines the original color for something new.



88, 16.938, 17.164



86, 20.251, 17.504



92, 13.231, 252.240



49, 5.256, 16.382



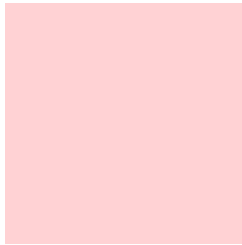
40, 82.350, 38.321



10, 33.010, 25.412

Previews

White Background



This preview shows how the CIELCh color 88, 17.210, 17.234 looks on a white background.

Color Contrast Check

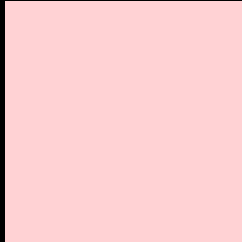
Large Text (above 18pt) WCAG AA × Fail

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, 17.210, 17.234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

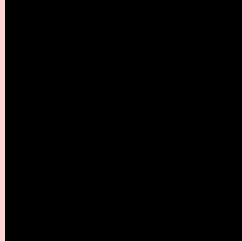
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

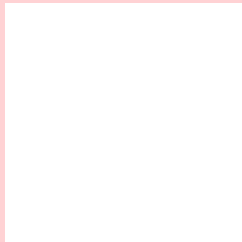
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 17.210, 17.234

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.210, 17.234.

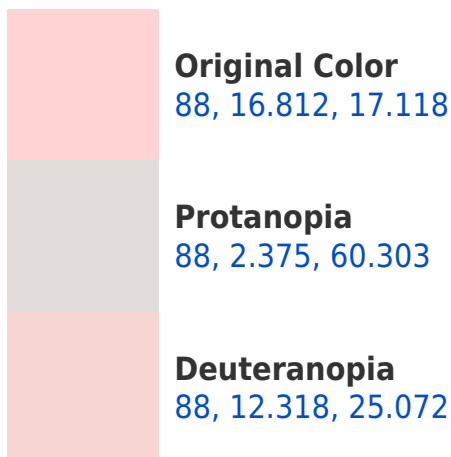


This preview shows how white text looks on a background with the CIELCh color 88, 17.210, 17.234.

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
88, 19.056, 355.051

Trichromacy



Original Color
88, 16.812, 17.118

Protanomaly
88, 7.352, 23.903

Deuteranomaly
88, 13.795, 22.527

Tritanomaly
88, 17.839, 2.137

Monochromacy



Original Color
88, 16.812, 17.118

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.214, 14.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.210, 17.234 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(255, 210, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 210, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.210, 17.234 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(255, 210, 212) }
```

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

```
.border{ border-color:rgb(255, 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(255, 210, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.210, 17.234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 212) }
```

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

```
.background{ background-color: rgb(255,  
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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