

Converting Colors

CIELCh(87, 18.397, 18.459)

Have a look what the booklet for
CIELCh(87, 18.397, 18.459) contains.

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Color

CIELCh(87, 18.412, 17.566)

Conversions

Conversions Part 1	
Format	Color
Hex	FFCED0
RGB	255, 206, 208
RGB Percent	100%, 81%, 82%
CMY	0.0000, 0.1919, 0.1840
CMYK	0.00, 0.19, 0.18, 0.00
HSL	358°, 100%, 90%
HSV	358°, 19%, 100%
XYZ	74.7476, 70.0064, 69.2912
YIQ	220.8790, 28.5620, 11.0100

Conversions

Conversions Part 2

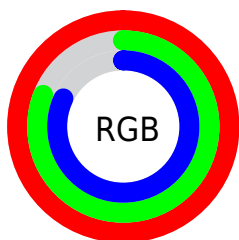
Format	Color
RYB	255, 206, 208
Decimal	16764624
CIELab	87.00, 17.55, 5.56
CIELCh	87, 18.412, 17.566
Yxy	70.0064, 0.3492, 0.3271
Android (android.graphics.Color)	4294954704 (0xFFFFCED0)
YUV	220.8790, -6.3493, 29.9241
Hunter-Lab	83.6698, 13.0432, 9.4678

Details

The CIELCh color **87, 18.412, 17.566** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 16.347, 194.814**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 18.368, 17.755** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.975, 18.732**, and if you desaturate by 10%, it is **94, 8.482, 16.616**.

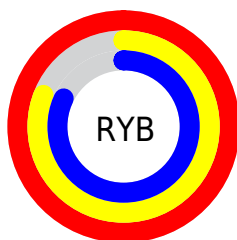
Distribution



Red (100%)

Green (81%)

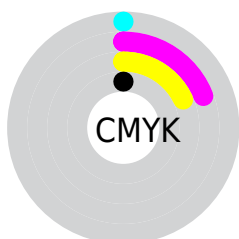
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

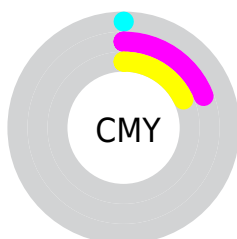


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.412, 17.566 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 87, 18.412, 17.566 by changing the saturation by 10% instead.

 87, 18.412, 17.566

 87, 18.412, 17.566

 100, 18.412,
17.566

 77, 18.412, 17.566

 67, 18.412, 17.566

 57, 18.412, 17.566

 47, 18.412, 17.566

 37, 18.412, 17.566

 27, 18.412, 17.566

 17, 18.412, 17.566

 7, 18.412, 17.566

 0, 18.412, 17.566

 87, 18.412, 17.566

 87, 18.412, 17.566

 81, 28.975, 18.732

 94, 8.482, 16.616

 74, 40.189, 20.218

100, 0.012,
296.813


 69, 51.854, 22.137


 64, 63.688, 24.610

 59, 75.308, 27.739

 56, 86.254, 31.501

 54, 95.839, 35.523

 53, 102.626,
38.738

 53, 103.020,
38.898

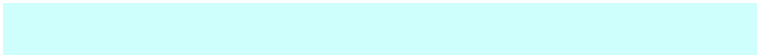
Harmonies

Complementary

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



87, 18.412, 17.566



97, 16.347, 194.814

Rectangle

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



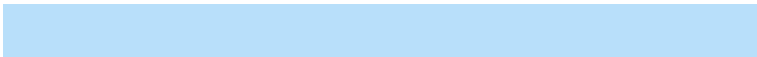
87, 18.412, 17.566



87, 18.412, 67.566



87, 18.412, 197.566



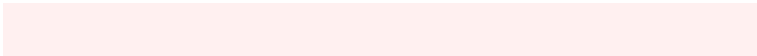
87, 18.412, 247.566

Sweetspot

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



87, 18.382, 17.566



96, 5.475, 16.324



88, 30.235, 324.087



51, 3.640, 16.386



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

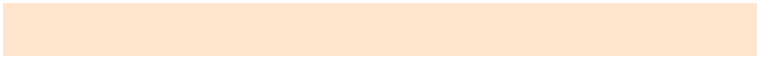
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.382, 17.566



84, 22.342, 17.979



92, 15.253, 67.573



49, 5.255, 16.644



40, 82.477, 38.439



10, 33.036, 25.543

Inverse Universe

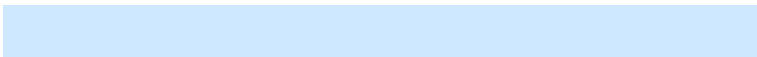
The Inverse Universe completely reimagines the original color for something new.



87, 18.382, 17.566



84, 22.342, 17.979



91, 14.262, 252.463



49, 5.255, 16.644



40, 82.477, 38.439



10, 33.036, 25.543

Previews

White Background



This preview shows how the CIELCh color 87, 18.412, 17.566 looks on a white background.

Color Contrast Check

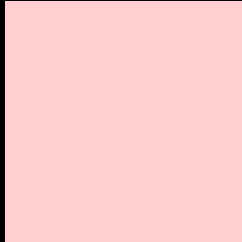
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 18.412, 17.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

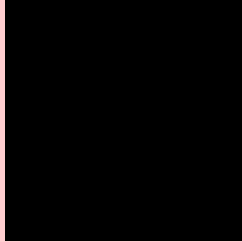
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.412, 17.566

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.412, 17.566.

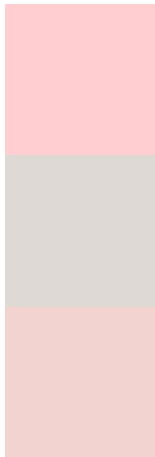


This preview shows how white text looks on a background with the CIELCh color 87, 18.412, 17.566.

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

87, 18.412, 17.566

Protanopia

87, 2.669, 55.180

Deuteranopia


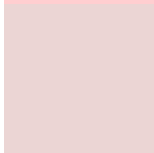
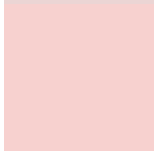

87, 12.144, 30.057



Tritanopia

87, 19.932, 357.961

Trichromacy

	Original Color 87, 18.412, 17.566
	Protanomaly 87, 8.120, 23.596
	Deuteranomaly 87, 14.275, 24.582
	Tritanomaly 87, 19.335, 3.742

Monochromacy

	Original Color 87, 18.412, 17.566
	Achromatopsia 88, 0.010, 296.813
	Achromatomaly 88, 6.211, 19.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.412, 17.566 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, 206, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 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(255, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.412, 17.566 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, 206, 208) }
```

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

```
.border{ border-color:rgb(255, 206, 208) }
```

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

Here you see how a box with a 4 pixel rgb(255, 206, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.412, 17.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 208) }
```

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

```
.background{ background-color: rgb(255,  
206, 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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