

Converting Colors

CIELCh(89, 28.679, 35.564)

Have a look what the booklet for
CIELCh(89, 28.679, 35.564) contains.

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Color

CIELCh(87, 19.978, 41.884)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFC1
RGB	255, 207, 193
RGB Percent	100%, 81%, 76%
CMY	0.0000, 0.1868, 0.2417
CMYK	0.00, 0.19, 0.24, 0.00
HSL	14°, 100%, 88%
HSV	14°, 24%, 100%
XYZ	73.4530, 70.0064, 60.3078
YIQ	219.7560, 33.1020, 5.8220

Conversions

Conversions Part 2

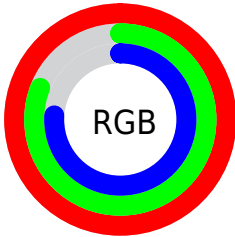
Format	Color
R _Y B	255, 211, 193
Decimal	16764865
CIE Lab	87.00, 14.87, 13.34
CIE LCh	87, 19.978, 41.884
Yxy	70.0064, 0.3605, 0.3436
Android (android.graphics.Color)	4294954945 (0xFFFFCFC1)
YUV	219.7560, -13.1907, 30.9090
Hunter-Lab	83.6698, 10.2814, 15.8336

Details

The CIELCh color **87, 19.978, 41.884** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 16.892, 224.061**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.032, 109.926**, and **67, 19.856, 43.481** is the 20% darker color. If you saturate the color by 10%, you get **82, 29.238, 42.004**, and if you desaturate by 10%, it is **92, 11.154, 42.206**.

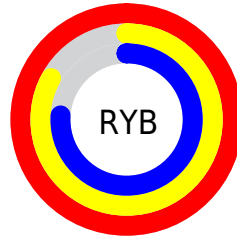
Distribution



Red (100%)

Green (81%)

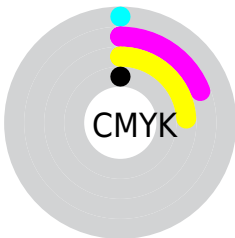
Blue (76%)



Red (100%)

Yellow (83%)

Blue (76%)

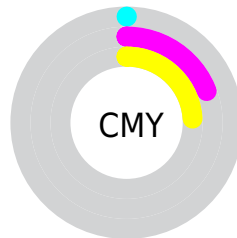


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 19.978, 41.884 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, 19.978, 41.884 by changing the saturation by 10% instead.

 87, 19.978, 41.884

 87, 19.978, 41.884

 100, 19.978,
41.884

 77, 19.978, 41.884

 67, 19.978, 41.884

 57, 19.978, 41.884

 47, 19.978, 41.884

 37, 19.978, 41.884

 27, 19.978, 41.884

 17, 19.978, 41.884

 7, 19.978, 41.884

 0, 19.978, 41.884

87, 19.978, 41.884

87, 19.978, 41.884

82, 29.238, 42.004

92, 11.154, 42.206

77, 39.396, 42.122

98, 3.150, 42.346

72, 50.285, 42.434

100, 0.012,
296.813

68, 61.789, 42.949

64, 73.607, 43.615

60, 85.034, 44.219

58, 94.552, 44.224

56, 98.727, 43.883

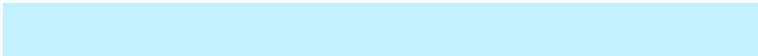
Harmonies

Complementary

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



87, 19.978, 41.884



92, 16.892, 224.061

Rectangle

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



87, 19.978, 41.884



87, 19.978, 91.884



87, 19.978, 221.884



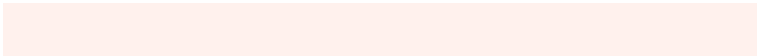
87, 19.978, 271.884

Sweetspot

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



87, 19.833, 42.046



96, 5.351, 42.340



85, 33.312, 332.693



51, 3.485, 42.332



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, 19.833, 42.046



84, 24.283, 42.008



94, 23.571, 91.889



50, 4.391, 42.299



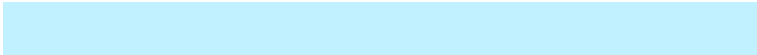
43, 79.042, 44.339



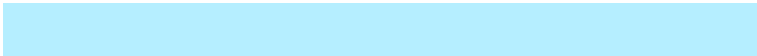
12, 29.579, 38.803

Inverse Universe

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



92, 16.892, 224.061



91, 19.938, 224.468



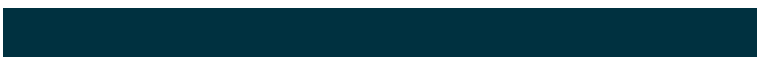
85, 23.770, 278.420



52, 4.143, 223.182



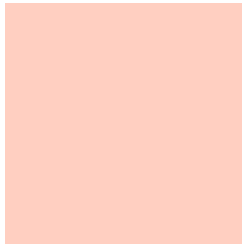
57, 36.058, 241.586



18, 16.284, 235.667

Previews

White Background



This preview shows how the CIELCh color 87, 19.978, 41.884 looks on a white background.

Color Contrast Check

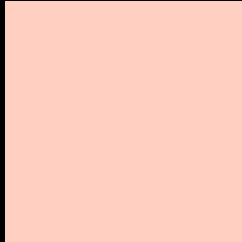
Large Text (above 18pt) WCAG AA × Fail

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, 19.978, 41.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

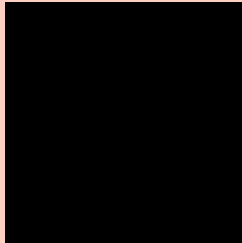
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 19.978, 41.884

Background



This preview shows how black text looks on a background with the CIELCh color 87, 19.978, 41.884.

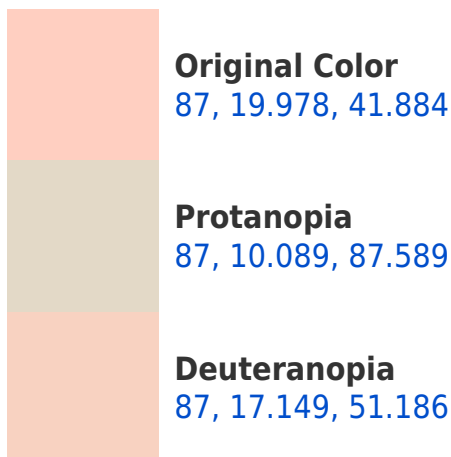


This preview shows how white text looks on a background with the CIELCh color 87, 19.978, 41.884.

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](#).

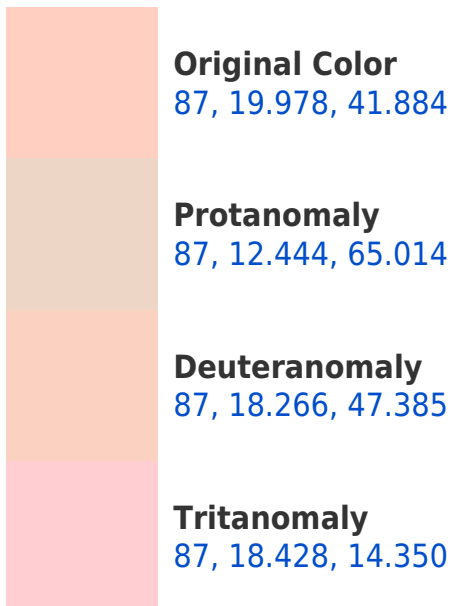
Dichromacy



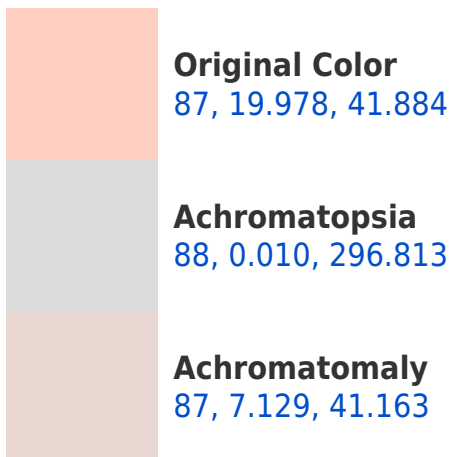


Tritanopia
87, 19.763, 359.371

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 19.978, 41.884 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, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 193)  
}
```

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, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 19.978, 41.884 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, 207, 193) }
```

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

```
.border{ border-color:rgb(255, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 19.978, 41.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 193) }
```

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

```
.background{ background-color: rgb(255,  
207, 193) }
```

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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