

Converting Colors

CIELCh(87, 21.439, 70.474)

Have a look what the booklet for
CIELCh(87, 21.439, 70.474) contains.

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Color

CIELCh(87, 21.461, 70.462)

Conversions

Conversions Part 1

Format	Color
Hex	F6D4B4
RGB	246, 212, 180
RGB Percent	96%, 83%, 71%
CMY	0.0351, 0.1684, 0.2939
CMYK	0.00, 0.14, 0.27, 0.04
HSL	29°, 79%, 84%
HSV	29°, 27%, 96%
XYZ	69.8185, 70.0064, 53.0348
YIQ	218.5180, 30.5360, -2.7440

Conversions

Conversions Part 2

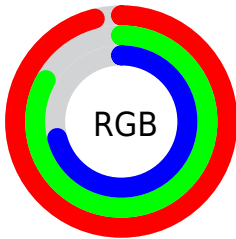
Format	Color
R _Y B	246, 242, 180
Decimal	16176308
CIE Lab	87.00, 7.18, 20.23
CIE LCh	87, 21.461, 70.462
Yxy	70.0064, 0.3620, 0.3630
Android (android.graphics.Color)	4294366388 (0xFFFF6D4B4)
YUV	218.5180, -18.9894, 24.1017
Hunter-Lab	83.6698, 2.5275, 20.9874

Details

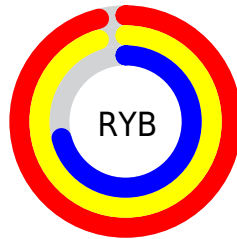
The CIELCh color **87, 21.461, 70.462** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 19.793, 257.864**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.618, 109.449**, and **67, 21.470, 69.687** is the 20% darker color. If you saturate the color by 10%, you get **83, 30.219, 69.235**, and if you desaturate by 10%, it is **91, 13.125, 71.692**.

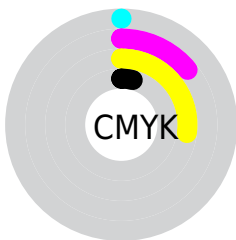
Distribution



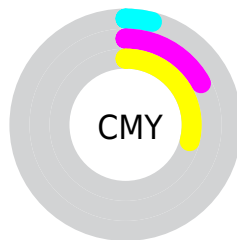
- Red (96%)
- Green (83%)
- Blue (71%)



- Red (96%)
- Yellow (95%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (27%)
- Black (4%)



- Cyan (4%)
- Magenta (17%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 21.461, 70.462 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, 21.461, 70.462 by changing the saturation by 10% instead.

 87, 21.461, 70.462

 87, 21.461, 70.462

 100, 21.461,
70.462

 77, 21.461, 70.462

 67, 21.461, 70.462

 57, 21.461, 70.462

 47, 21.461, 70.462

 37, 21.461, 70.462

 27, 21.461, 70.462

 17, 21.461, 70.462

 7, 21.461, 70.462

 0, 21.461, 70.462

87, 21.461, 70.462

87, 21.461, 70.462

83, 30.219, 69.235

91, 13.125, 71.692

80, 39.388, 67.993

94, 5.192, 72.862

77, 48.900, 66.735

98, 2.372, 254.335

73, 58.562, 65.422

99, 3.098, 199.423

70, 67.953, 63.953

68, 76.250, 62.108

65, 82.250, 59.520

64, 83.842, 58.636

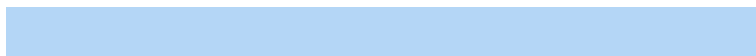
Harmonies

Complementary

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



87, 21.461, 70.462



84, 19.793, 257.864

Rectangle

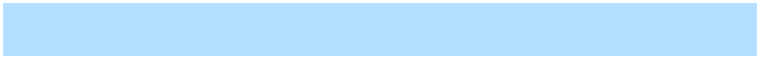
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87, 21.461, 70.462



87, 21.461, 120.462



87, 21.461, 250.462



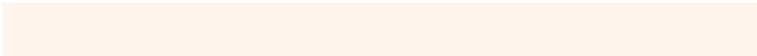
87, 21.461, 300.462

Sweetspot

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



87, 21.461, 70.470



97, 6.284, 72.731



80, 30.028, 345.187



51, 4.483, 72.559



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, 21.461, 70.470



88, 26.707, 69.824



95, 32.892, 106.856



49, 4.335, 72.564



49, 67.730, 59.346



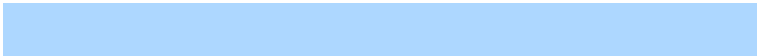
14, 24.643, 59.896

Inverse Universe

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



84, 19.793, 257.864



84, 24.193, 258.907



76, 35.015, 292.791



49, 4.229, 255.058



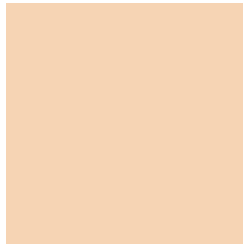
41, 55.335, 282.575



11, 21.583, 275.155

Previews

White Background



This preview shows how the CIELCh color 87, 21.461, 70.462 looks on a white background.

Color Contrast Check

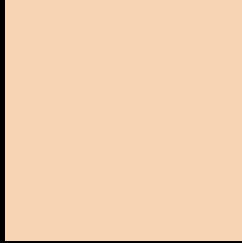
Large Text (above 18pt) WCAG AA × Fail

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, 21.461, 70.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

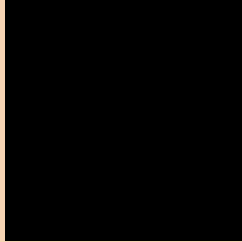
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 21.461, 70.462

Background



This preview shows how black text looks on a background with the CIELCh color 87, 21.461, 70.462.



This preview shows how white text looks on a background with the CIELCh color 87, 21.461, 70.462.

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, 21.461, 70.462

Protanopia

87, 18.782, 94.391

Deuteranopia

87, 22.528, 61.967



Tritanopia
87, 18.426, 353.984

Trichromacy



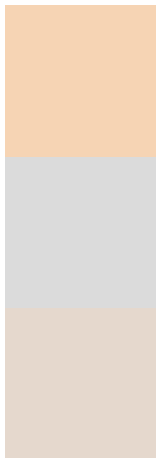
Original Color
87, 21.461, 70.462

Protanomaly
87, 19.354, 85.073

Deuteranomaly
87, 22.013, 64.945

Tritanomaly
87, 15.383, 22.448

Monochromacy



Original Color
87, 21.461, 70.462

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 7.481, 69.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 21.461, 70.462 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, 212, 180)` looks like.

```
.text, #text, p{  
    color:rgb(246, 212, 180)  
}
```

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, 212, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 212, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 21.461, 70.462 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, 212, 180) }
```

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

```
.border{ border-color:rgb(246, 212, 180) }
```

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

Here you see how a box with a 4 pixel rgb(246, 212, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 212, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 212, 180);  
box-shadow:4px 4px 4px 4px rgb(246, 212,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 21.461, 70.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 212, 180) }
```

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

```
.background{ background-color: rgb(246,  
212, 180) }
```

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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