

Converting Colors

CIELCh(88, 48.335, 87.166)

Have a look what the booklet for
CIELCh(88, 48.335, 87.166) contains.

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Color

CIELCh(88, 48.079, 87.049)

Conversions

Conversions Part 1

Format	Color
Hex	FED880
RGB	254, 216, 128
RGB Percent	100%, 85%, 50%
CMY	0.0021, 0.1512, 0.4964
CMYK	0.00, 0.15, 0.50, 0.00
HSL	42°, 99%, 75%
HSV	42°, 50%, 100%
XYZ	69.6368, 72.0653, 30.8046
YIQ	217.3300, 50.8960, -19.3120

Conversions

Conversions Part 2

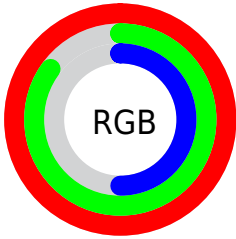
Format	Color
RYB	182, 254, 128
Decimal	16701568
CIELab	88.00, 2.48, 48.02
CIELCh	88, 48.079, 87.049
Yxy	72.0653, 0.4037, 0.4178
Android (android.graphics.Color)	4294891648 (0xFF FED880)
YUV	217.3300, -44.0397, 32.1596
Hunter-Lab	84.8913, -2.1352, 37.9092

Details

The CIELCh color **88, 48.079, 87.049** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **69, 48.892, 282.575**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 36.662, 107.383**, and **68, 48.103, 86.798** is the 20% darker color. If you saturate the color by 10%, you get **86, 57.678, 85.610**, and if you desaturate by 10%, it is **90, 38.244, 88.446**.

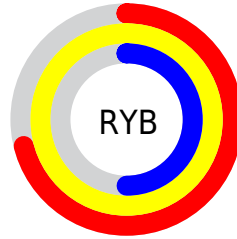
Distribution



Red (100%)

Green (85%)

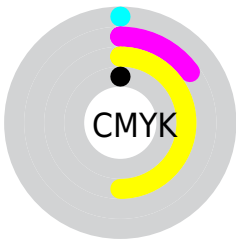
Blue (50%)



Red (71%)

Yellow (100%)

Blue (50%)

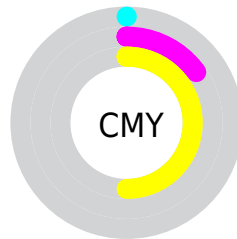


Cyan (0%)

Magenta (15%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 48.079, 87.049 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, 48.079, 87.049 by changing the saturation by 10% instead.

 88, 48.079, 87.049

 88, 48.079, 87.049

 100, 48.079,
87.049

 78, 48.079, 87.049

 68, 48.079, 87.049

 58, 48.079, 87.049

 48, 48.079, 87.049

 38, 48.079, 87.049

 28, 48.079, 87.049

 18, 48.079, 87.049

 8, 48.079, 87.049

 0, 48.079, 87.049

88, 48.079, 87.049

88, 48.079, 87.049

86, 57.678, 85.610

90, 38.244, 88.446

84, 66.645, 84.090

93, 28.389, 89.800

82, 74.323, 82.427

95, 18.625, 91.112

80, 79.798, 80.499

97, 9.006, 92.372

78, 82.510, 78.178

100, 0.157,
238.909

78, 82.613, 78.068

100, 0.184,
202.998

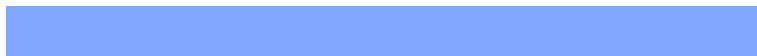
Harmonies

Complementary

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



88, 48.079, 87.049



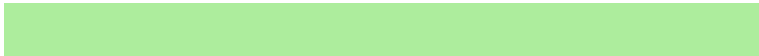
69, 48.892, 282.575

Rectangle

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



88, 48.079, 87.049



88, 48.079, 137.049



88, 48.079, 267.049



88, 48.079, 317.049

Sweetspot

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



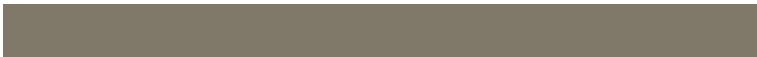
88, 48.080, 87.053



96, 14.266, 91.691



69, 51.973, 1.472



51, 9.752, 91.423



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, 48.080, 87.053



86, 57.271, 85.688



96, 62.544, 113.922



52, 5.379, 92.376



60, 66.696, 78.559



20, 28.554, 81.272

Inverse Universe

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



69, 48.892, 282.575



63, 59.008, 285.197



61, 71.016, 302.290



50, 5.395, 274.837



31, 82.914, 298.355



8, 33.279, 293.462

Previews

White Background



This preview shows how the CIELCh color 88, 48.079, 87.049 looks on a white background.

Color Contrast Check

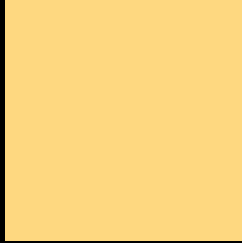
Large Text (above 18pt) WCAG AA × Fail

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 88, 48.079, 87.049 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, 48.079, 87.049

Background



This preview shows how black text looks on a background with the CIELCh color 88, 48.079, 87.049.




This preview shows how white text looks on a background with the CIELCh color 88, 48.079, 87.049.

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](#).

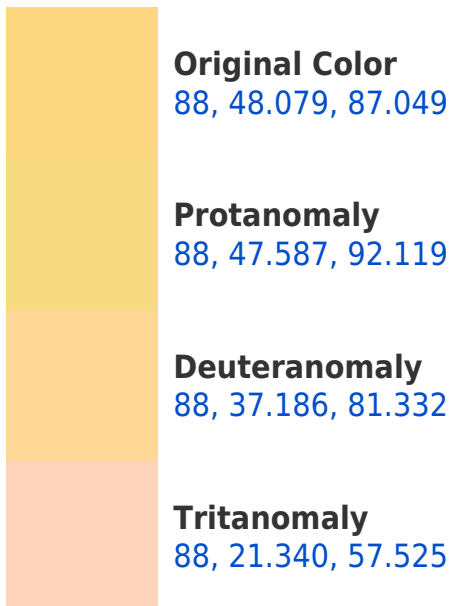
Dichromacy



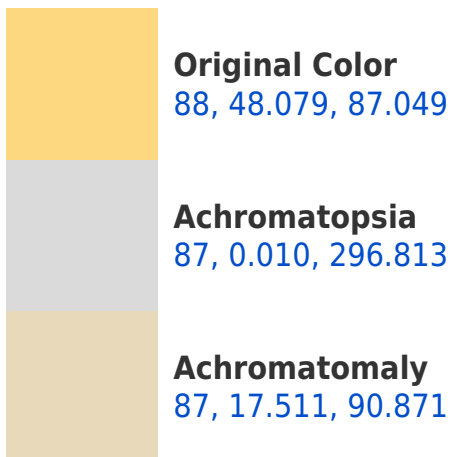


Tritanopia
88, 17.985, 0.553

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 48.079, 87.049 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, 216, 128)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 128)  
}
```

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, 216, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 48.079, 87.049 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, 216, 128) }
```

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

```
.border{ border-color:rgb(254, 216, 128) }
```

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

Here you see how a box with a 4 pixel rgb(254, 216, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 128);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 48.079, 87.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 128) }
```

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

```
.background{ background-color: rgb(254,  
216, 128) }
```

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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